United States Joint Forces Command
Joint Warfighting Center

JKDDC
Assistance to Joint Training Resolution

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UNCLASSIFIED

Purpose

Demonstrate key synchronized JKDDC program goals, objectives and milestones which enable resolution of 3 Joint training issues

Joint Training Issues

1. Issue 06NORADNORTHCOM-04: The use of multiple Learning Management Systems

End state: Universal Joint Learning Management System.

POA&M: Make JKDDC funds available to support a single use of Universal Joint LMS.

2. Issue 06NORADNORTHCOM-05: Immediate assistance in obtaining sufficient web-based resources to meet COCOM joint mission training requirements

End state: A timely, collaborative process that ensures JKDDC courseware development supports COCOM joint mission training requirements.

POA&M: Recommend joint training shortfalls be identified as urgent readiness need.

3. Issue 06CENTCOM-01: COCOM / Component / JTF Staff Training

Discussion: Need for basic joint training, to include Interagency Operations, for personnel assigned to Joint staffs

- JPME I/II
- Interim use of Web Based Training (JTF 101)
- Resource specific training AO course (indoc) and job-specific training

End state: Comprehensive Joint Individual Learning Continuum meets joint training requirements for all individuals assigned to Joint billets prior to joint duty assignment through combination of education, training and self-development.

POA&M: Aggressive development and distribution of web-based courseware

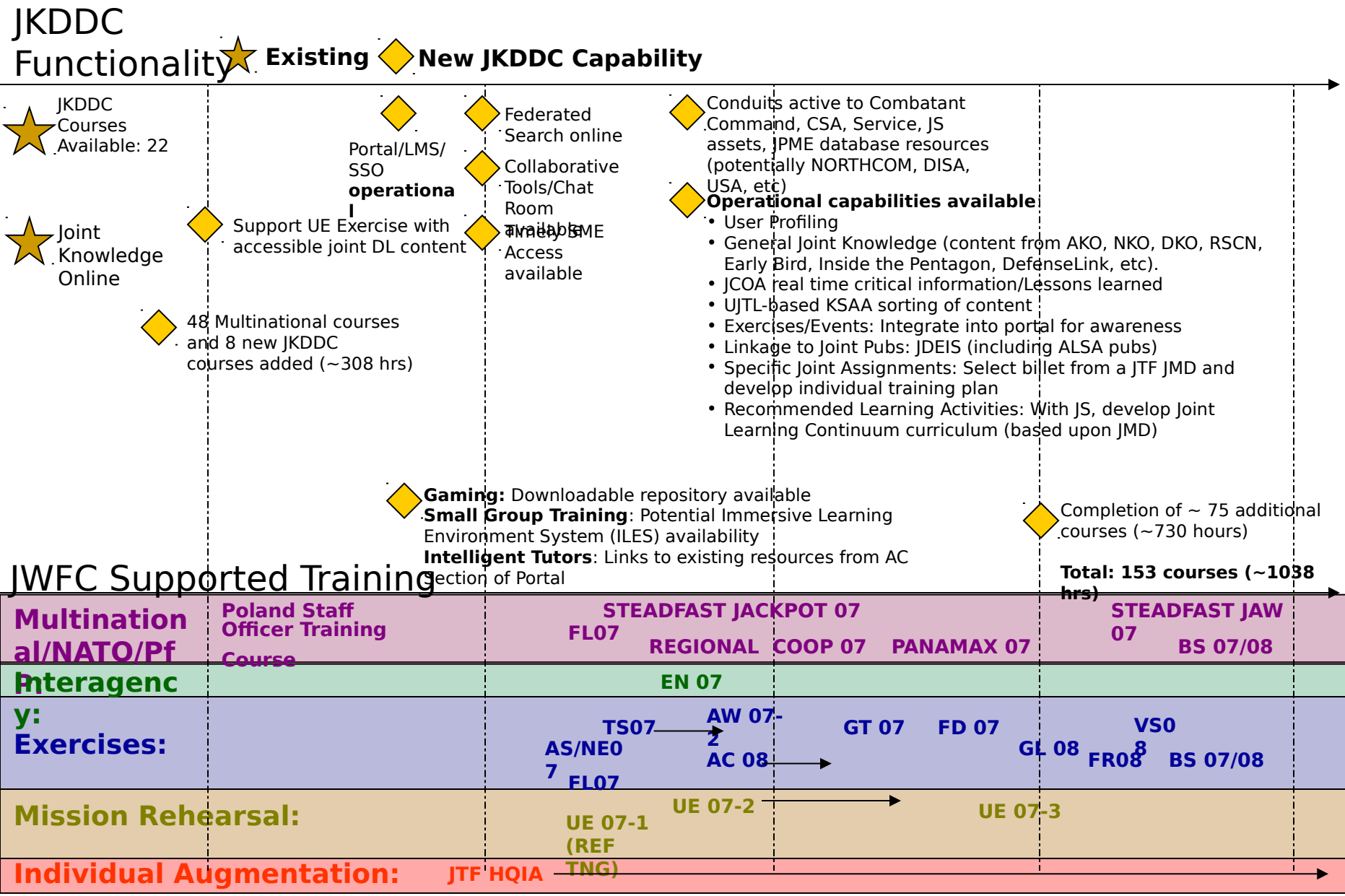
FY07 JKDDC Program Goals & Objectives

(MG Kamiya Approved PEP 26 Sep)

- **Complete FY03-07 COCOM/Stakeholder courseware requirements---helps resolve issue 2,3**
- Implement Internet, NIPRnet, & SIPRnet portals
  - Establish working capability of each portal function available to the warfighter
    - Search, Gaming, UJTL-based KSAAs, Small Group Training, etc…….
- Incorporate 'single sign on' capability
  - Conduits with at least 1 COCOM, Service, CSA, & Joint Staff
- **Field centralized Learning Management System (LMS)---resolves issue 1**
  - Defense Acquisition University system replicated
- Deploy & leverage COCOM Support Elements
- Conduct courseware certification & standardization efforts
- Enable Army led Service initiatives
  - Institutional joint training @ Service training organizations
- Integrate Advanced Concepts with ADL CoLab efforts supporting JKDDC operational requirements
- Institutionalize metrics developed to monitor program success and adjust future activities
  - Joint Analysis and Enabling Capability (JAEC)
  - Courseware
- **Effect interagency, multinational & intergovernmental capability development---helps resolve issue 3**
- Provide real time critical information / lessons learned capabilities/SME reachback

JKDDC FY07 Synchronized Production

(MG Kamiya Approved 26 Sep)


JKDDC Functionality
Existing
New JKDDC Capability
JKDDC Courses Available: 22
Joint Knowledge Online
Portal/LMS/ SSO operational
Support UE Exercise with accessible joint DL content
48 Multinational courses and 8 new JKDDC courses added (~308 hrs)
Federated Search online
Collaborative Tools/Chat Room available
Army SME Access available
Conduits active to Combatant Command, CSA, Service, JS assets, JPME database resources (potentially NORTHCOM, DISA, USA, etc)
Operational capabilities available
• User Profiling
• General Joint Knowledge (content from AKO, NKO, DKO, RSCN, Early Bird, Inside the Pentagon, DefenseLink, etc).
• JCOA real time critical information/Lessons learned
• UJTL-based KSAA sorting of content
• Exercises/Events: Integrate into portal for awareness
• Linkage to Joint Pubs: JDEIS (including ALSA pubs)
• Specific Joint Assignments: Select billet from a JTF JMD and develop individual training plan
• Recommended Learning Activities: With JS, develop Joint Learning Continuum curriculum (based upon JMD)
Gaming: Downloadable repository available
Small Group Training: Potential Immersive Learning Environment System (ILES) availability
Intelligent Tutors: Links to existing resources from AC section of Portal
Completion of ~ 75 additional courses (~730 hours)
Total: 153 courses (~1038 hrs)
JWFC Supported Training
Multinational/NATO/PfP:
Poland Staff Officer Training Course
STEADFAST JACKPOT 07
FL07
REGIONAL
COOP 07
PANAMAX 07
STEADFAST JAW 07
BS 07/08
Interagency:
EN 07
Exercises:
TS07
AW 07-2
AC 08
AS/NE07
FL07
GT 07
FD 07
GL 08
VS08
FR08
BS 07/08
Mission Rehearsal:
UE 07-1 (REF TNG)
UE 07-2
UE 07-3
Individual Augmentation:
JTF HQIA
JAN07
APR07
JUL07
OCT07
JAN08

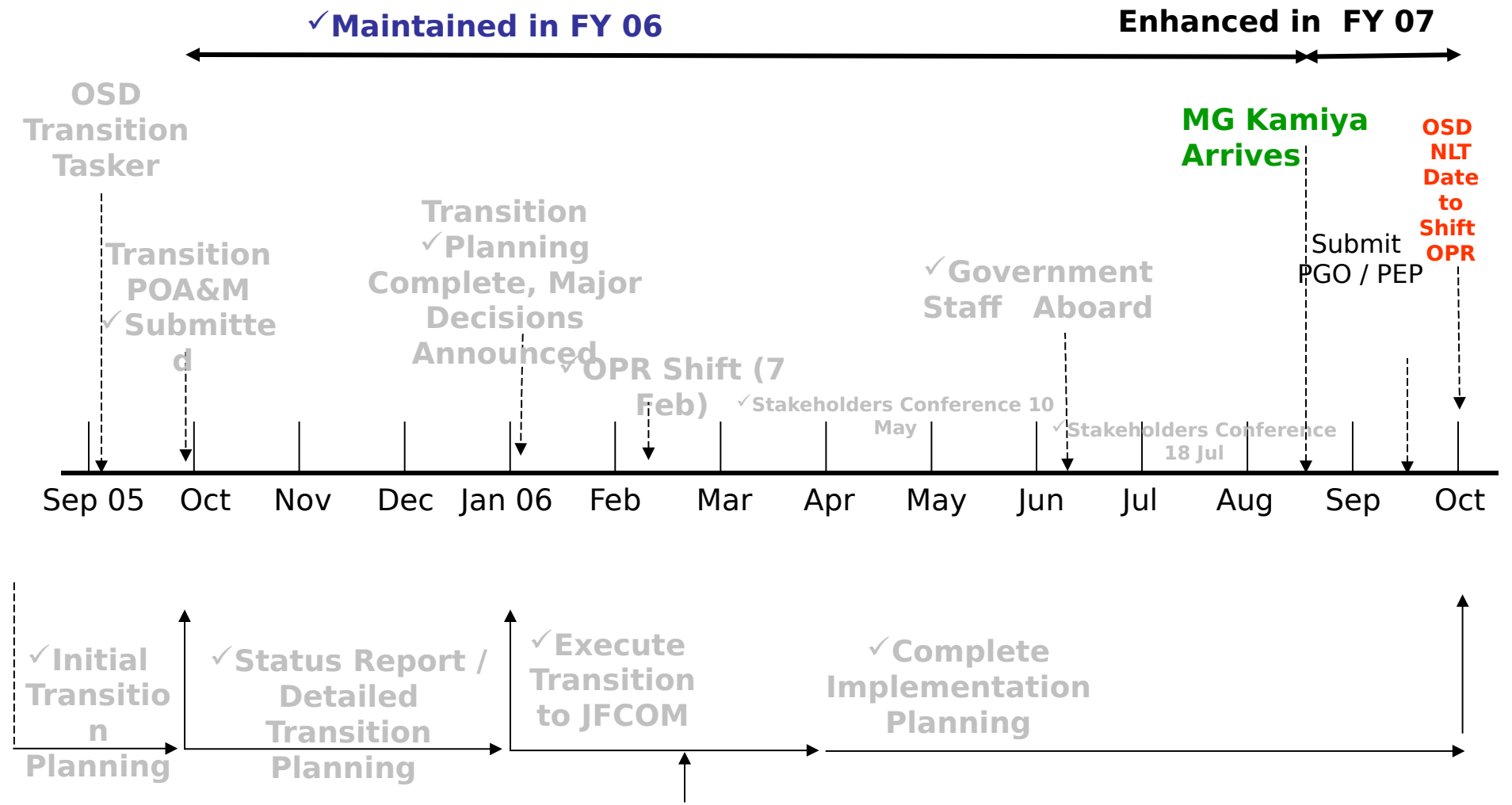
Backup Slides

Defense Acquisition University as a Subject Matter Expert in ‘eLearning’

- ***2005 Ranked #1 in Leadership Development by Executive Excellence Publishing***
- ***2005 USDLA 21st Century Best Practices Award (for the Performance Learning Model)***
- ***2005 USDLA Distance learning Program Gold Award (Continuous Learning Team)***
- ***2005 USDLA Individual Achievement of Excellence – Silver Award (David Bachman)***
- ***2005 E-Gov Institute (Federal Computer Week) Knowledge Management Award***
- ***2004 Chief Learning Officer of the Year (Frank Anderson Jr. – DAU President)***
- ***2004 American Society for Training & Development (ASTD) BEST Award***
- ***2004 Chief Learning Officer Magazine - GOLD Learning in Practice Award (Innovation)***
- ***2004 Chief Learning Officer Magazine - BRONZE Learning in Practice Award (Strategic Alignment)***
- ***2004 Corporate University Xchange Excellence Award***
- ***2004 Training Magazine Number #50 in the "Top 100" Learning Organizations***
- ***and 19 other significant awards since 2001***

JKDDC POA&M

Production / Functional Activity Levels:



✓Initial Transition Planning
✓Status Report / Detailed Transition Planning
✓Execute Transition to JFCOM
✓Complete Implementation Planning

FY07 Exercise Summary

- Poland Staff Officer Training Course: Locations: Bydgoszcz, Poland
  - Supported Command: OSD-Policy; Training Audience: OSD-Policy directed seminar with Poland MoD/GS.
  - JWFC is supporting Naval Postgraduate School Center for Civil-Military Relations (CCMR). Purpose is to assist Poland with transition to Joint Operational HQ. Purpose of this workshop is to present doctrinal academics on joint subjects (TBD).
- Flexible Leader 07: Locations: Ramstein AFB, Germany; USS Mt. Whitney; Grafenwoehr, Germany
  - Supported Command: EUCOM; Training Audience: HQ USEUCOM JET, JTF (16th AF), JFACC, JFMCC (C6F), MEU or JFLCC
  - 16th AF led JTF with C6F led JFMCC conducting some combination of HA and NEO in an uncertain environment. HQ EUCOM establishes JTF with deployment of JET. Severe earthquake in Eastern Mediterranean drives need for JTF to lead an HA/DR effort. Complications expected to require subsequent NEO.

FY07 Exercise Summary

- Ardent Sentry/Northern Edge 07: Locations: Alaska; Colorado; Virginia; Washington, DC; Texas; Canada
  - Supported Command: NORTHCOM; Multi-National:CAN; Training Audience:N-NC Battle Staff, JTF-CS, JTF-AK, JTF-N, ARNORTH
  - Description: NORAD-NORTHCOM's #2 Exercise Priority for FY07. N-NC has combined AS 07 with Alaska Shield / Northern Edge 07 (ASK/NE 07), this exercise is now Ardent Sentry/Northern Edge 07 (AS/NE07). This will be a CPX & FTX that will: Provide and coordinate Incident Management support by DoD forces in support of US civil authorities; Provide and coordinate Incident Management support by Canadian forces in support of Canadian civil authorities; and coordinate US incident Management planning and response with Canadian authorities. The US emphasis will be on Defense Support to Civil Authorities (DSCA). The Primary Training Audiences are the N-NC Battlestaff and JTF-CS. JTF-CS will deploy to a location in CONUS (TBD) to conduct C2 of DoD CoM forces. The CCMRF (Package 1), and ARNORTH OCP, and JTF-N will deploy in the exercise as well. The State of Alaska will be a full participant in this exercise. Will not be linked to TOPOFF 4.

FY07 Exercise Summary

- Talisman Saber 07: Locations: Afloat; Camp Smith, HI; Australia; Suffolk, VA
  - Supported Command: PACOM; Multi-National: AUS; Training Audience: C7F/AUS DJFHQ
  - Description: TS07 is a combined US/AUS CPX and FTX designed to improve US/AUS combat readiness & interoperability, maximize combined training opportunities, and conduct integrated maritime pre-positioning and logistics over the shore operations. TS 07 will demonstrate US resolve to support security operations to a key ally in the region, and include force on force and live fire training modules. TS 07 will be a key opportunity to exercise combined forces in mid to high-intensity operations using the extensive training areas available in Australia. JWFC will provide full support to the CPX, in support of PACOM's JTF certification for C7F, with CECG (in Camp Smith, HI), M&S (distributed from Suffolk), and DTT (onboard USS Blue Ridge in Yokosuka). JWFC will provide limited support to the FTX, in support of Australia's Joint Combined Training Center proof of concept, including reduced M&S support (distro from Suffolk) and reduced CECG support (also located in Suffolk).
- Steadfast Jackpot: Locations: Strasbourg/Entzheim Airfield in France.
  - Supported Command: ACT; Training Audience: NATO Response Force (NRF)
  - Description: This exercise nicknamed Steadfast Jackpot 2006 is the culmination of the preparation and certification process for the NATO Response Force (NRF). Steadfast Jackpot 2006 will be conducted by the Allied Joint Force Command Headquarters, Brunssum, the Netherlands, and will take place simultaneously at the Joint Warfare Centre Ulsnes in Stavanger, Norway, where personnel of EUROCORPS will participate as well as representatives from the French German Brigade.

FY07 Exercise Summary

- **Eloquent Nugget 07: Locations: Norfolk, VA; Washington, DC; New York, NY**
  - **Supported Command: JFCOM; Training Audience: PfP;**
  - **Description: A seminar exercise to familiarize partner nations with civilian democratic control of the military. Previous agencies with participants in the EN Exercise included: Department of State, Homeland Security, FBI, Congress,NORTHCOM, Pentagon (OSD,JCS,JFCOM), and U.S. Coast Guard.**
- **Able Warrior 07-2: Locations: MacDill AFB, FL; Stuttgart, Germany**
  - **Supported Command: SOCOM; Multi-National: GBR, GEO, LTU, NOR, ROU, TUR, UKR; Training Audience: SOCOM CSO Battle Staff, EUCOM, SOCEUR, and CENTCOM**
  - **Description: Classified exercise for USSOCOM's Center for Special Operations (CSO) on the Global War on Terror. JWFC in concert with SOCJFCOM provides full capabilities support including: scripting, Models & Simulation, COP management, media, logistics, AAR and O/T support.**
- **Regional Cooperation 07: Locations: Afghanistan; Kazakhstan; Kyrgyzstan; Pakistan; Tajikistan**
  - **Supported Command: CENTCOM; Multi-National: KGZ, KAZ, PAK, AFG, TJK; Training Audience: Kazakhstan Ministry of Emergency Situations and the CMEP**
  - **Description: Regional Cooperation (RC) exercises are an annual CENTCOM conducted CAX designed to strengthen relationships, regional cooperation, and increase knowledge and understanding of regional forces operating among central and south Asian states. This iteration, lead by Kazakhstan, focuses on disaster control issues as a result of natural disaster, terrorist attacks, drug trafficking and border security. Specific training objectives for the exercise are TBD, but will promote cooperation between civil & military emergency planning officials in an effort to mitigate the effects of terrorist activities or natural disasters & increase national capabilities to respond to such events or activities.**

FY07 Exercise Summary

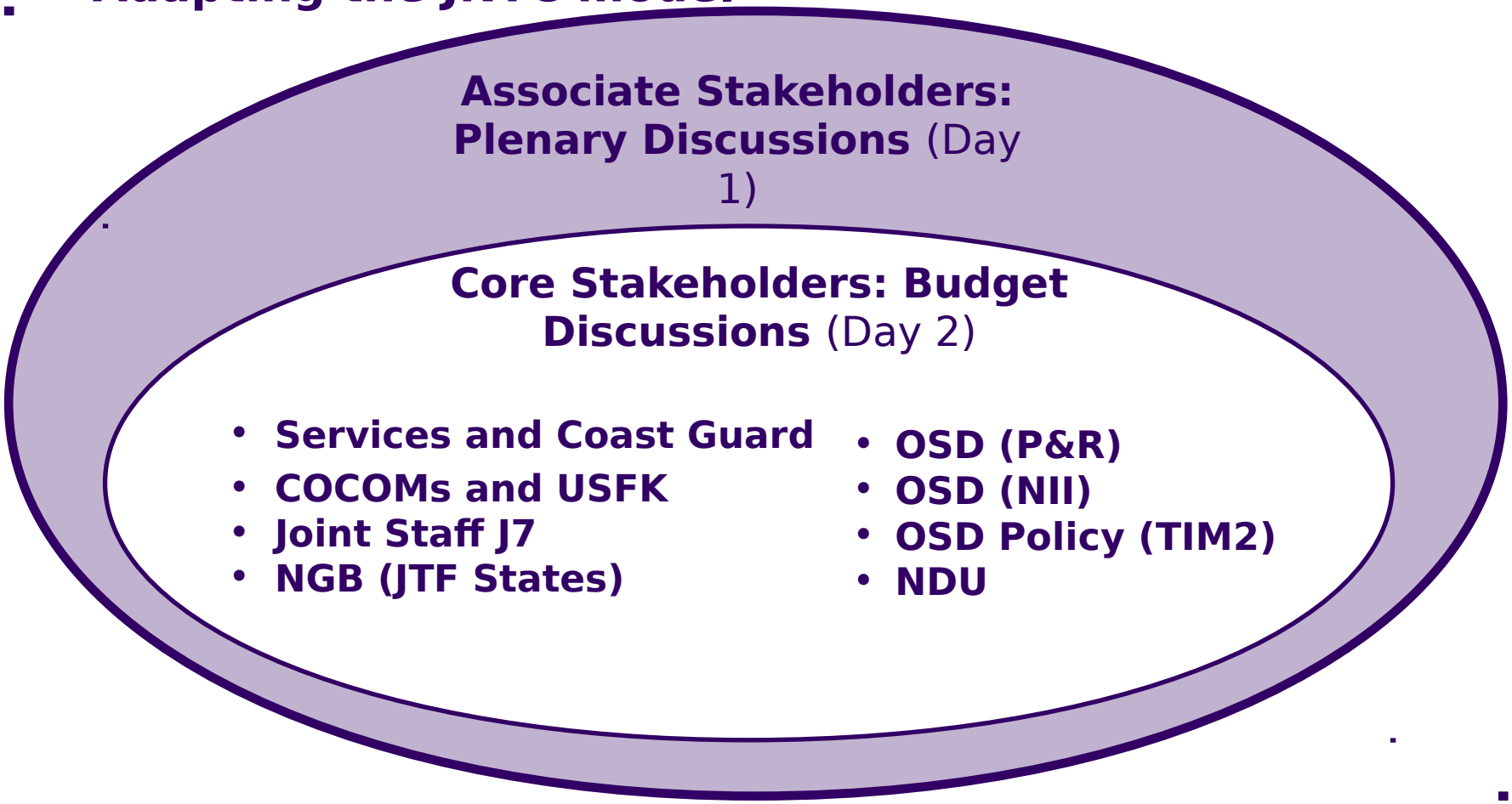
- **Fuertes Defensas 07: Locations: Miami, FL**
  - **Supported Command: SOUTHCOM ; Training Audience: SOUTHCOM & C2F .**
  - **Description: SC Staff and C2F as the JTF will be simulating a Domestic Consequence Management scenario in Puerto Rico. Will run in conjunction with PANAMAX 07.**
- **Panamax 07: Locations: Panama City, Panama**
  - **Supported Command: SOUTHCOM; Training Audience:**
  - **Description: LIVEX Maritime Interdiction Operation in defense of the Panama Canal from a terrorist threat. An air and ground portion is being planned for this year's execution. Senior Mentor and Analyst team will be in Miami. Will run in conjunction with Fuertes Defensas 07.**
- **UE 07-3 OEF 9 MRX: Locations:**
  - **Supported Command: JFCOM; Training Audience:**
  - **Description: UE 07-3 is a JTF HQ mission rehearsal exercise. It includes academics and a CPX. Formerly known as UE 08-1.**
- **Global Lightning 08: Locations: Offutt AFB, NE**
  - **Supported Command: USSTRATCOM ; Training Audience: HQ Staff**
  - **Description: GLOBAL LIGHTING (GL) is STRATCOM's #1 exercise priority for FY08. GL 08 is USSTRATCOM's annual category 1 sponsored Battle Staff Exercise (BSX), designed to support the requirements of the Joint Strategic Capabilities Plan (JSCP), the Command's Joint Mission Essential Task List (JMETL), and to exercise all mission areas (except NC2) emphasizing support to a Theater COCOM. GL 08 may be integrated with a USEUCOM and USNORTHCOM Exercise. STRATCOM requested support is TBD, but will most likely include exercise design, MSEL scripting, M&S, Comm/C4, intelligence, information operations, interagency, media, Deployable Training Team to include A/T AAR and Senior Mentor, and JECG support.**
- **Flexible Response 08: Locations:TBD**
  - **Supported Command: EUCOM; Training Audience:JTF HQ (C6F); HQ USEUCOM**
  - **Description: Train HQ USEUCOM and Component HQ staffs in coordinating with and supporting Inter-Agency and Host-Nation agencies during CM /FCM event.**

FY07 Exercise Summary

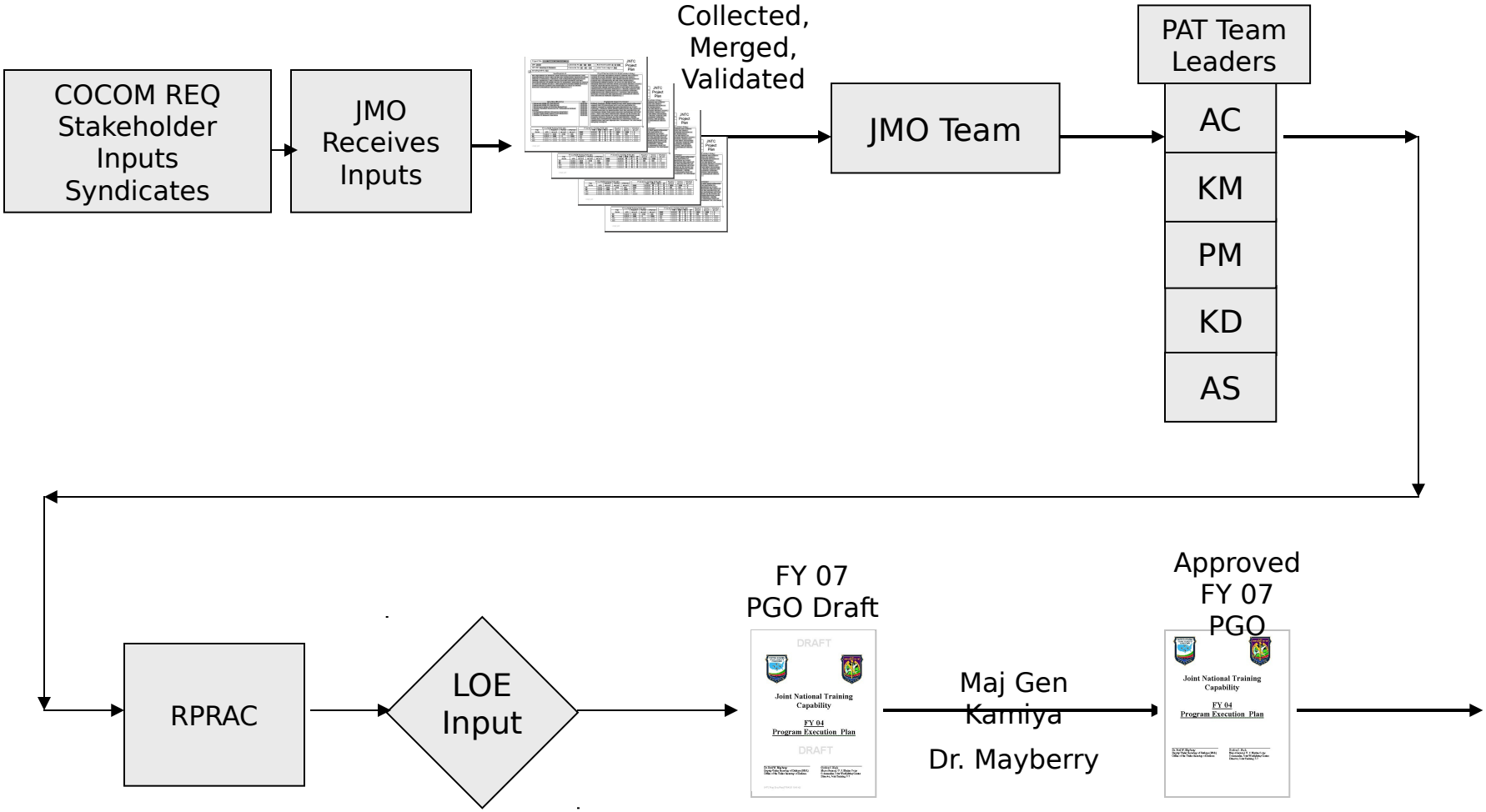
- Vigilant Shield 08 : Locations:Texas; Colorado; Virginia; Washington, DC; Canada
  - Supported Command: NORTHCOM; Multi-National:CAN;Training Audience:N-NC, JFHQ-NCR, JTF (TBD)
  - Description: NORTHCOM's #2 Exercise Priority for FY08. Vigilant Shield 08 is a CJCS designated, NORAD-NORTHCOM conducted, USJFCOM supported exercise designed to train NORAD-USNORTHCOM in Homeland Defense, Homeland Security and Defense processes. Participants include the HQ NORAD Battle Staff, Crisis Action Team (CAT), NORAD Battle Management Center (NBMC), Cheyenne Mountain Operations Center (CMOC) and all NORAD Regions and Sectors. JFHQ-NCR will be the Primary Training Audience. VS 08 will contain significant elements of the Homeland Defense and Defense support of civil authorities conducted in a geopolitical environment that ultimately degenerates into strategic nuclear warfare. VS 08 will probably be linked to Global Lightning 08 (STRATCOM), Flexible Response 08 (EUCOM), and Joint Staff exercise Positive Response 08.
- Steadfast Jay 07: Locations: TBD
  - Supported Command: ACT; Training Audience: NATO Response Force (NRF)
  - Description: Semi-Annual exercise series designed to validate NRF CJTF HQ and forces.
- Bright Star 07/08 : Locations: JWFC, VA; AOR
  - Supported Command: CENTCOM ; Training Audience:
  - Description: CENTCOM’s #1 Exercise Priority for 08. CENTCOM is looking at execution during the time period of 2-21 Nov 07. CAX would be the last phase of the event and would run for 5-6 days. JECG (response cells) would work from JWFC and the exercise would be distributed as in BS 06. Current expectation is to make this a 24/7 event.

Stakeholders' Roles

- **Adapting the JNTC model**


Associate Stakeholders: Plenary Discussions (Day 1)
Core Stakeholders: Budget Discussions (Day 2)
• Services and Coast Guard
• COCOMs and USFK
• Joint Staff J7
• NGB (JTF States)
• OSD (P&R)
• OSD (NII)
• OSD Policy (TIM2)
• NDU

FY 07 JKDDC Requirements Collection Process



JMO – Joint Management Office
AC – Advanced Concepts Manager
PM – Program Manager
AS – Assessments Director
KM – Knowledge Management Director
KD – Knowledge Distribution Director

PAT – Process Action Team
PG&O – Program Goals and Objectives
RPRAC- Requirements Prioritization and Resource Allocation Conference

Commander’s Guidance and Intent

- JKDDC will leverage state-of-the-art distribution processes to provide Department of Defense (DoD) personnel with the education and training resources needed anytime, anywhere.
- A mature JKDDC is envisioned as the premier conduit for relevant, timely, and globally accessible joint knowledge and information assets in support of Combatant Commanders.
- JKDDC will be developed to stimulate a natural demand—future joint warriors will learn to depend on JKDDC to satisfy all of their online joint individual training needs.
- JKDDC development and product availability will be synchronized with Operation Iraqi Freedom (OIF)/Operation Enduring Freedom (OEF) (and supporting Mission Rehearsal Exercise (MRX) train ups) operational deployment rotations.
- JKDDC will develop Measures of Effectiveness (MOEs) highlighting significant metrics and assessment.
- JKDCC certified and standardized courseware will have direct linkage to joint doctrine.
- JKDDC program efforts will undergo spiral development based on approved, prioritized capabilities and allocated resources.

JKDDC FY 07 Planning Priorities

- Develop a cost-effective and efficient courseware development process that eliminates existing courseware backlog and supports emerging requirements.
- Develop and implement an enhanced JKDDC joint knowledge portal.
- Migrate the current JKDDC Learning Management System (LMS) and repository capabilities to the USJFCOM to leverage the availability of professional resources within the Joint Force Trainer COE. Centralize the management of the LMS and repository to ensure content is relevant to the warfighter, centrally tracked and ultimately, reported to the Service personnel systems.
- Implement a Single Sign On (SSO) capability facilitating worldwide users' ability to access and search a myriad of databases via one initial login.
- Establish conduits to selected joint knowledge and education COE.
- Begin the processes necessary to enable individual joint knowledge and experience tracking for joint operators in order to develop user profiles.
- Plan for the JKDDC Support Element personnel at COCOM sites.

JKDDC PATs

- **Program Management** (PM): Responsible for leadership and governance of the JKDDC program. The PM PAT will establish processes that ensure the cost effective and efficient use of JKDDC resources and horizontal and vertical integration of JKDDC activities.
- **Knowledge Management** (KM): Responsible for developing and driving the strategy for identification, development and delivery of knowledge content to joint operators.
- **Knowledge Distribution** (KD): Responsible for identifying, recommending, and helping implement Information Technologies (IT) that support initial and sustainment training for the joint warfighter.
- **Advanced Concepts** (AC): Responsible for aligning joint individual training requirements with ongoing research efforts ensuring emerging and future technologies and methodologies are leveraged to fully support both individual and organizational requirements.
- **Assessment** (AS): Responsible for the tracking and assessment of the requirements, processes, and products that provide JKDDC services. This responsibility includes liaison with partner organizations.

FY07 Stakeholder approved JKDDC Initiatives

- **Program Management**
  - JKDDC JMO Liaison and Outreach Initiative
  - JKDDC Program Policy Development Initiative
  - Program Resource Management Initiative
  - Collect, Merge, and Validate JKDDC Requirements Initiative
- **Knowledge Management**
  - Courseware Development Initiative
  - Portal Initiative
- **Knowledge Distribution**
  - Portal Initiative
  - Learning Management System (LMS)/Repository Distribution Initiative
  - Single Sign On (SSO) Initiative
  - Tracking/Profiling Initiative
  - Technical Policies Initiative
- **Advanced Concepts**
  - Tracking and Profiling Initiative
  - Gaming Initiative
  - Tools Initiative
- **Assessment**
  - Capability Assessment Initiative
  - Competency Assessment Initiative
  - Certification & Standardization Initiative

JKDDC FY07 Execution Strategy

- Provide leadership and governance for the JKDDC community of practice while building close working relationships with JKDDC stakeholders.
- Develop initial functionality of the JKDDC portal in a manner that lays the foundation for meeting future capability needs of joint operators to perform effectively in future joint worldwide assignments.
- Address the backlog of JKDDC courseware from previous years by building a cost effective and efficient process for future JKDDC courseware needs.
- Conduct foundational activities for the execution and assessment of current and future JKDDC initiatives that leverage the capabilities of the entire Advanced Distributed Learning (ADL) community for the benefit of the joint operator.

Short Term Activities

- Development and implementation of processes for streamlined and timely centralized courseware development.
- Identification and selection of a portal and operationalizing an initial instantiation providing functionality outlined in Figure 1.
- Identification, selection, and operationalizing a Learning Management System (LMS).
- Development of a robust assessment and certification methodology.
- Provide JKDDC Support Element personnel to each COCOM and develop management processes to optimize JKDDC advocacy.
- Leverage ADL Co-Lab’s research, development and prototyping endeavors supporting JKDDC requirements.

Long Term Activities

- Link JKDDC activities to the Joint Learning Continuum (JLC).
- Integration of JKDDC, JNTC and JAEC activities to make individual and collective training mutually supportive and complementary.
- Develop and operationalize the Global Knowledge Network (GKN).
- Develop and strengthen partnerships with academic, industry, intergovernmental, multinational, and nongovernmental entities

Stakeholder Approved Resource Allocation

Requirement	FY07
SIPR Portal*	4.3%
NIPR Portal*	4.3%
Multinational Portal (Leverage RSCN)	2.0%
Conduits/Single Sign On – NII compliance & DKO Integration (i.e., Intergovernmental, Multinational, JCOA)	3.5%
Profiler	0.7%
Centralized LMS Management - SIPR	3.9%
Centralized LMS Management - NIPR	3.9%
Centralized LMS Management – Multinational / Interagency / Intergovernmental	Leverage RSCN
Content Development (Courseware, KSAAs, general/specific Joint knowledge, small group training)	40%

Requirement	FY07
Service Initiatives/SME Access	6.0%
Assessments	1.0%
Advanced Concepts (i.e., gaming, intelligent tutors, etc.)	3.6%
JMO Staff	8.6%
Certification & Standardization	1.0%
COCOM Direct Support Staff (JKDDC Support Element)	10.4%
Travel – JMO Staff	1.0%
Travel – Stakeholders	1.0%
Surge/Reserve	3.6%
Technical Architecture (i.e., repository, etc.)	1.2%

**One-time cost*

JKDDC PAT Level of Effort

JKDDC PATs	**% LOE**
Program Management (PM)	24.6
Knowledge Management (KM)	40.0
Knowledge Distribution (KD)	29.8
Advanced Concepts (AC)	3.6
Assessments (AS)	2.0

JKDDC FY07 Program Activities

Stakeholder Partnerships

4.1 Stakeholder Partnership	**% LOE**
4.1.1 Joint Content Development and Maintenance	40.0
4.1.2 COCOM JKDDC Support Element	10.4
4.1.3 COCOM SMEs Travel	1.0
4.1.4 Service Initiatives	6.0

JKDDC FY07 Program Activities

Infrastructure and Functionality Investment

4.2 Infrastructure and Functionality Investment	**% LOE**
4.2.1 Portal	10.6
4.2.1.1 NIPRnet	4.3
4.2.1.2 SIPRnet	4.3
4.2.1.3 Multinational	2.0
4.2.2 LMS	7.8
4.2.2.1 NIPRnet	3.9
4.2.2.2 SIPRnet	3.9
4.2.3 Repository and Technical Architecture	1.2
4.2.4 SSO/Conduits	3.5
4.2.5 Profiler	0.7

JKDDC FY07 Program Activities

Program Governance and Management

4.3 Program Governance and Management	**% LOE**
4.3.1 JMO Staff	8.6
4.3.2 Certification and Standardization	1.0
4.3.3 Program Assessments	1.0
4.3.4 Leverage Advanced Concepts	3.6
4.3.5 Staff Travel	1.0
4.3.6 Surge/Reserve	3.6

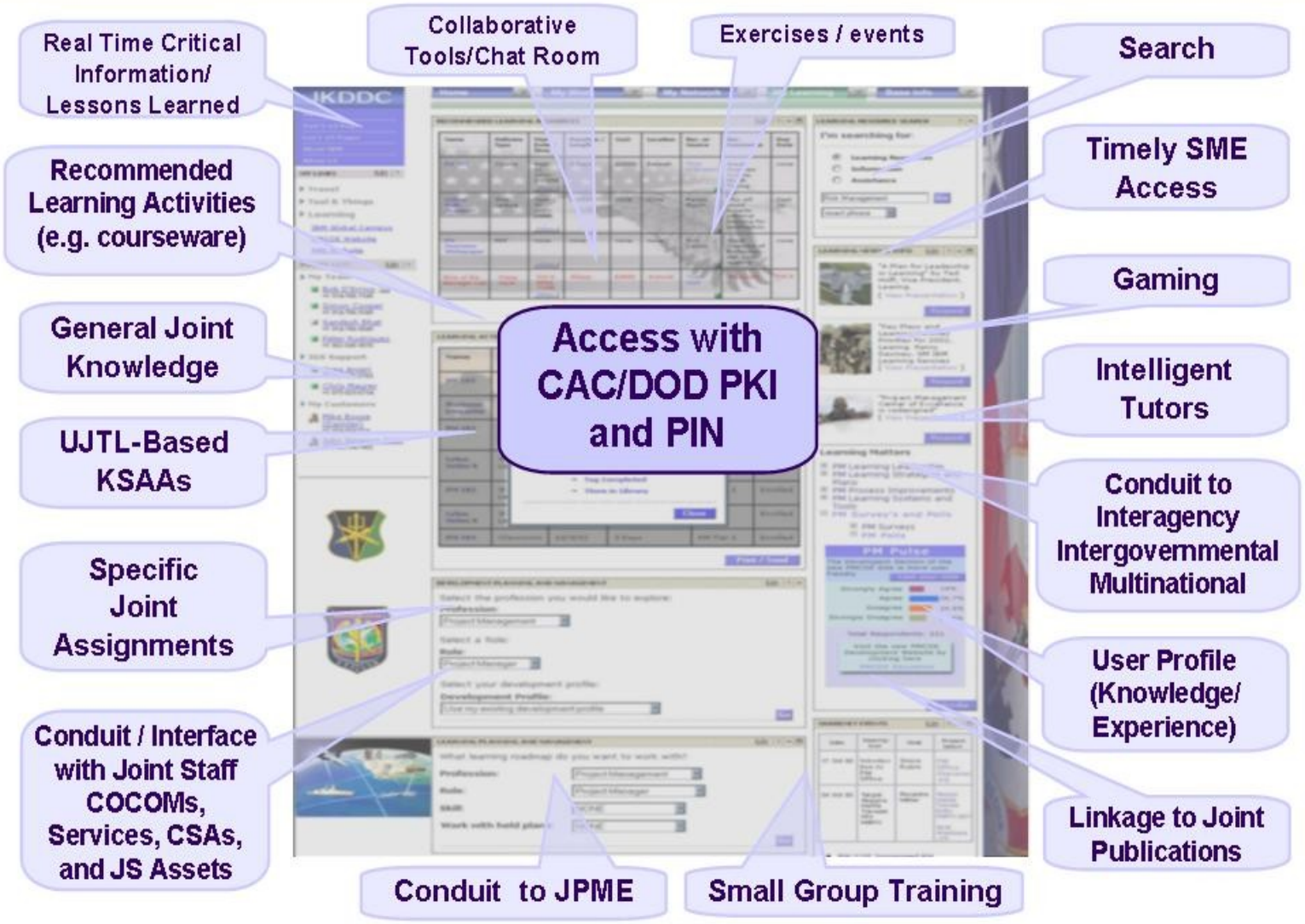
JKDDC T2 Business Model Way Ahead

FY07 Roadmap
FY07 PG&O
FY07 PEP

FY08 Roadmap
FY08 PG&O

FY08 PEP

JKDDC Portal



Distance Learning for the Joint Warfighter

(Current Courseware/Content)

Planning
- Joint Operations Planning and Execution System (JOPES) (2 hrs)
- Joint Planning Orientation Course (JPOC) (9 hrs)

Planning: Fires/Effects
- Joint Targeting Prerequisite (JTP) (7 hrs)

Information Sharing
- Global Command and Control System - Joint (GCCS-J) (2 hrs)
- Joint Staff Business Processes (JSBP) (3.5 hrs)

Strategic Mobility
- Introduction to Defense Distribution (2 hrs)

Communications Strategy
- Joint Information Operations Orientation Course (JIOOC) (18 hrs)

Homeland Security
- Defense Support of Civil Authorities (DSCA) (5 hrs)
- Homeland Security and Defense (HSD) (20 hrs)
- Military Response to Domestic CBRNE Attacks (8 hrs)

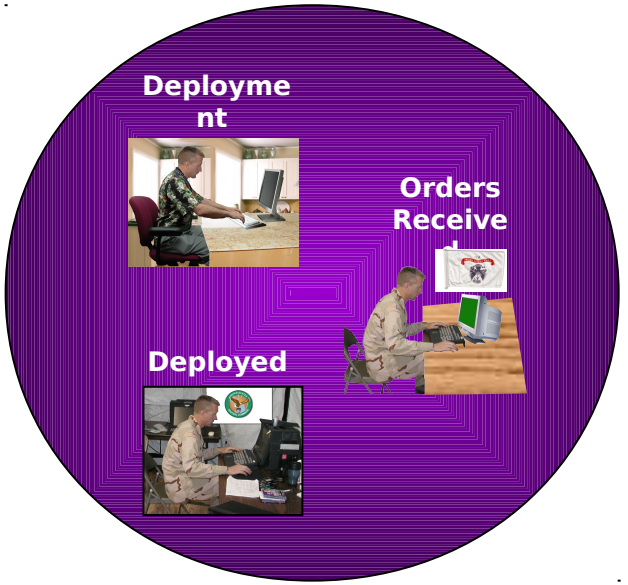
Interagency
- Joint Interagency Coordination Group (JIACG) (14 hrs)

Joint Task Force (JTF) Operations
- Fundamentals of Personnel Recovery (FPR) (6.5 hrs)
- Joint Antiterrorism (10 hrs)
- Joint Close Air Support (JCAS) (1 hr)
- Joint Force Air Component Operations (JFACO) (2 hrs)
- Joint Special Operations Task Force (JSOTF) (16 hrs)
- JTF-101 (15 hrs)
- SERE 100, Code of Conduct Training (2 hrs)
- Standing Joint Force Headquarters (4 hrs)

Leader Development
- Senior Non-Commissioned Officers (SNCO-JPME) (40 hrs)

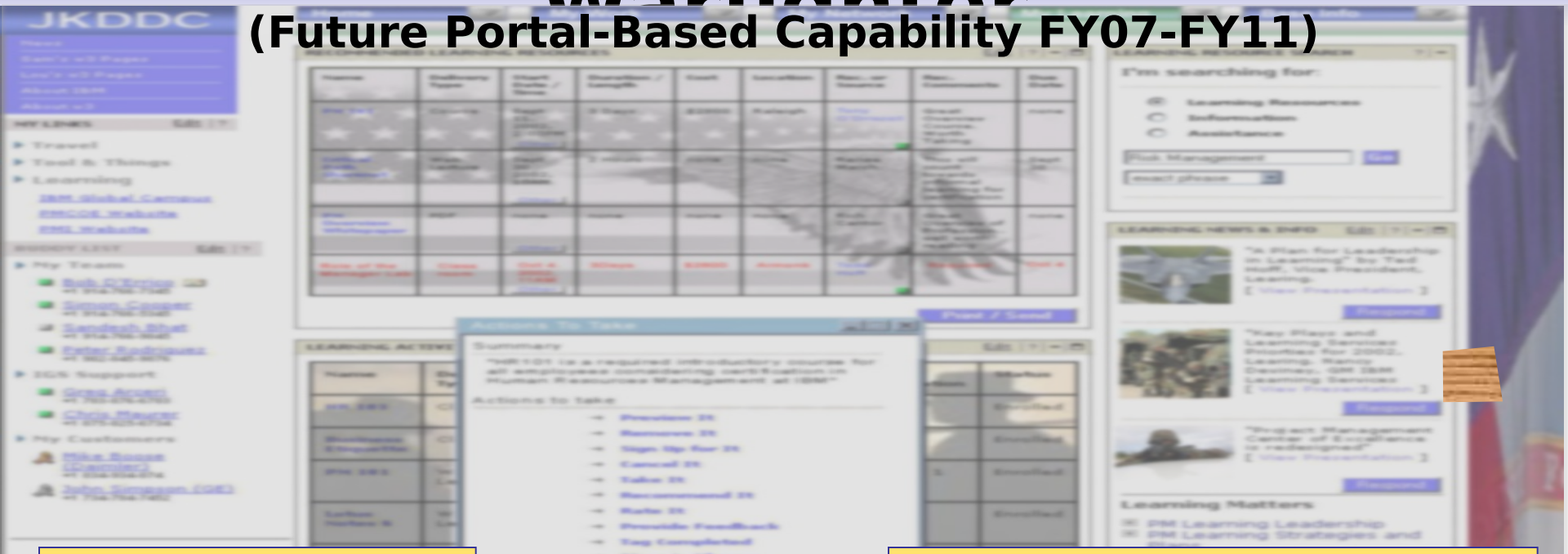
General Military Knowledge
- Combating Trafficking in Persons (CTIP) (1 hr)
- Interactive Doctrine Publications (DOCNET) (30 hrs)

Theater-Specific Training
- Iraq Individual Augmentee Training (3 hrs)



Enhanced Value to the Joint Warfighter

(Future Portal-Based Capability FY07-FY11)



Goals:

- ✓ Increase Combatant Command input
- ✓ Improve and increase connection of course development to real-world needs

Future Capability:

- ✓ Linked to interagency, non-governmental agency and multinational partner resources.
- ✓ Linked to Service, Combatant Command and Combat Support Agency information.
- ✓ Single sign-on ability with

Existing JKDDC Courses (23 Courses, 221 hours)*

All content will be reviewed for Maintenance and Updates

Planning
- Joint Operations Planning and Execution System (JOPES) (2 hrs)
- Joint Planning Orientation Course (JPOC) (9 hrs)

Planning: Fires/Effects
- Joint Targeting Prerequisite (JTP) (7 hrs)

Information Sharing
- Global Command and Control System - Joint (GCCS-J) (2 hrs)
- Joint Staff Business Processes (JSBP) (3.5 hrs)

Strategic Mobility
- Introduction to Defense Distribution (2 hrs)

Communications Strategy
- Joint Information Operations Orientation Course (JIOOC) (18 hrs)

Homeland Security
- Defense Support of Civil Authorities (DSCA) (5 hrs)
- Homeland Security and Defense (HSD) (20 hrs)
- Military Response to Domestic CBRNE Attacks (8 hrs)

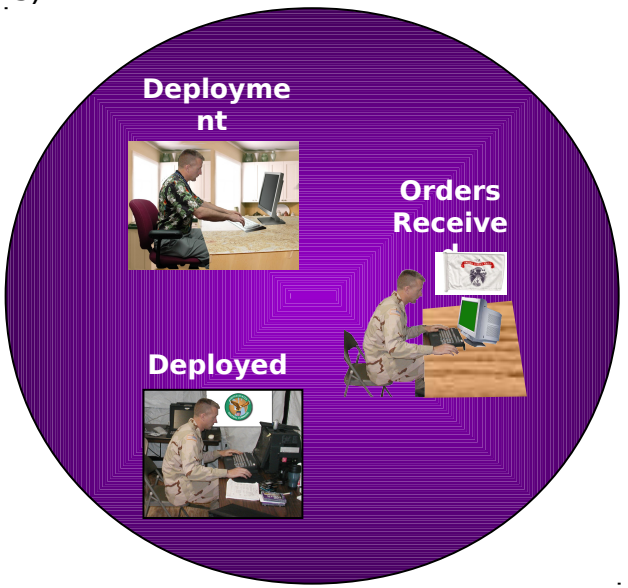
Interagency
- Joint Interagency Coordination Group (JIACG) (14 hrs)

Joint Task Force (JTF) Operations
- Fundamentals of Personnel Recovery (FPR) (6.5 hrs)
- Joint Antiterrorism (10 hrs)
- Joint Close Air Support (JCAS) (1 hr)
- Joint Force Air Component Operations (JFACO) (2 hrs)
- Joint Special Operations Task Force (JSOTF) (16 hrs)
- JTF-101 (15 hrs)
- SERE 100, Code of Conduct Training (2 hrs)
- Standing Joint Force Headquarters (4 hrs)

Leader Development
- Senior Non-Commissioned Officers (SNCO-JPME) (40 hrs)

General Military Knowledge
- Combating Trafficking in Persons (CTIP) (1 hr)
- Interactive Doctrine Publications (DOCNET) (30 hrs)

Theater-Specific Training
- Iraq Individual Augmentee Training (3 hrs)



**As of Sep 21, 2006*

JKDDC Backlog Courses (9 Courses, 121 hrs)

Backlog Requirements Inherited	35
Deleted by Sponsor POCs	21
In Development	3
Completed Development	2
Remaining Backlog	9

Course Titles Remaining in Backlog

- **J6 101: Staff and Operations Course (8 hrs)**
- **Knowledge Superiority in Joint Networks (20 hrs)**
- **Joint Theater Strategic C4 (18 hrs)**
- **Coalition Logistics Planning and Execution (8.5 hrs)**
- **Joint Personnel Recovery Fundamentals (24 hrs)**
- **Joint Reintegration Team Fundamentals (20 hrs)**
- **Joint Personnel Recovery (6.5 hrs)**
- **JTS-JTIMS User (8 hrs)**
- **Combatant Commander Exercise Control (8 hrs)**

**As of Sep 21, 2006*

New FY07 Courseware Requirements Pending Approval (18 Courses, 322 hours) ***(additional requirements inbound)****

- **JTF Senior Medical Leader Seminar (8 hrs)**
- **Joint Task Force Medical Civ-Mil Senior Medical Leaders Seminar (8 hrs)**
- **PR 120W PR Fundamentals for the Joint Task Force (8 hrs)**
- **PR 241W-Reintegration (4 hrs)**
- **Advanced Course Distributed Exercise (40 hrs)**
- **Joint Staff Distance Learning Courseware (158 hrs)**
- **Biothreat Training: Influenza Pandemic (16 hrs)**
- **Ballistic Missile Defense Basic Course (2 hrs)**
- **Planning and Conducting the Global War on Terror (8 hrs)**
- **Ballistic Missile Defense Operations Course (8 hrs)**
- **Health/Medical Aspects of Stability Operations (8 hrs)**
- **Medical Analysis Tool Course (4 hrs)**
- **PACOM Staff Directorate Training Modules (2 hrs)**
- **PACOM Staff Orientation Training Modules (2 hrs)**
- **Joint Deployment Distribution Operations Center (JDDOC) (13 hrs)**
- **Joint Task Force-Port Opening (JTF-PO) (6 hrs)**
- **Medical Asset Tracking/Visibility (1 hr)**
- **TRAC2ES Web Based Training System (25 hrs)**

**As of Sep 21, 2006*

Existing JKDDC Multinational (RSCN) Courses

(48 courses, 286 hours)

Chemical and Biological Weapons Non-Proliferation (2 hrs)
Ethnic Conflict and Peace Operations (2 hrs)
Terrorism & Its Implications for Democratic States (5 hrs)
Introduction to Human Rights (10 hrs)
Introduction to International Humanitarian Law (10 hrs)
Introduction to NATO (11 hrs)
CIMIC Overview for NATO School (2 hrs)
SPIRIT: Security Policy, International Relations, and IT (4hrs)
Bulgarian Participation in Peace Support Operations (2 hrs)
Conflict Management and Negotiation (20 hrs)
Combating Terrorism & Illegal Trafficking (44 hrs)
NATO M&S Orientation Course (4 hrs)
Information Security Fundamentals (2 hrs)
Conducting a Computer Assisted Exercise (4 hrs)
CJTF Training Modules (2 hrs)
European Security & Defence Policy (6 hrs)
English Skills for Staff Officers II (ESSO II) (8 hrs)
Overview of the Inter-American Sys (20 hrs)
International Security Risks (4 hrs)
The Revolution in Military Affairs (1 hrs)
Introduction to Satellite Operations (6 hrs)
NATO Space Support (4 hrs)
Intro. to NATO Public Information (2 hrs)
Law of Armed Conflict (20 hrs)
The Interagency Process (20 hrs)

Zoran Sea Exercise Read Ahead (2 hrs)
Introduction to Information Operations (3 hrs)
NATO's Reserve Forces (2 hrs)
NATO/Partner Operational Staff Officer's Course (2 hrs)
The Combined Joint Task Force (3 hrs)
Introduction to Maritime Operations (4 hrs)
Introduction to Environmental Awareness (2 hrs)
Fundamentals of CBRN Defence (2 hrs)
Security in the Information Age (3 hrs)
Intro. to the UN Security Council (6 hrs)
NATO Operational Planning Process (4 hrs)
Combating Trafficking in Human Beings (2 hrs)
Map Reading (3 hrs)
NATO Peace Support Operations Course (5 hrs)
UN Peace Support Operations Orientation Course (10 hrs)
Operations in the Information Age (2 hrs)
Multinational Crisis Management (3 hrs)
Intro. to Medical Intelligence (2 hrs)
NATO/Partner Joint Medical Planner's Course (2 hrs)
NATO/Partner Senior Medical Staff Officer Course (2 hrs)
NATO Major Incident Medical Management (3 hrs)
Peace Keeping Techniques (3 hrs)
NATO School – Force Enhancement From Space (1 hrs)

JKDDC Courses Currently In Development*
(8 Courses, 17 hours)

- **Introduction to Joint Urban Operations (JUO) (1 hr)**
- **Introduction to Joint Fire Support (1 hr)**
- **Introduction to Joint Interdiction Operations (1 hr)**
- **Introduction to Joint Nonlethal Attack, Electronic Warfare (EW), and Suppression of Enemy Air Defenses (SEAD) (1 hr)**
- **Introduction to Joint Air and Missile Defense Operations (1 hr)**
- **Introduction to Joint Battlespace Maneuver with Integrated Firepower (1 hr)**
- **Introduction to Joint Combat Identification (CID) (1 hr)**
- **Joint Communication Systems Planners Course (10 hrs)**

**As of Sep 21, 2006*

FY07 Knowledge Distribution Goals & Objectives - Portal

- Commence migration of the files currently resident on the interim portal capability located in Northern Virginia when the Suffolk USJFCOM system is operational.
- Implement Single Sign On (SSO) access, as well as roles-based security presenting only needed information to the various users as well as avoiding information overload through a tailored presentation.
- Enable portal capabilities to perform search, collaboration, and chat.
- Develop conduits to exercises and events; real time critical information and lessons learned; interface with the Joint Staff (and their assets), COCOMs, Services, CSAs; specific joint assignments; UJTL-based KSAAs; timely SME access; interagency, intergovernmental, and multinational entities; Joint Professional Military Education (JPME); shared user profiles that summarize knowledge and experience; and gaming.
- Link to joint publications, intelligent tutors, general joint knowledge, recommended learning activities (e.g., courseware), and small group training.

FY07 Knowledge Distribution Goals & Objectives - LMS

- Establish an LMS and repository infrastructure in USJFCOM JWFC.
- Commence migration of the files currently resident on the interim capability located in Northern Virginia when the Suffolk USJFCOM system is operational.
- Centralize management of joint courses until integrated repositories are achieved.
- Begin testing/planning for automated federation/sharing between systems.

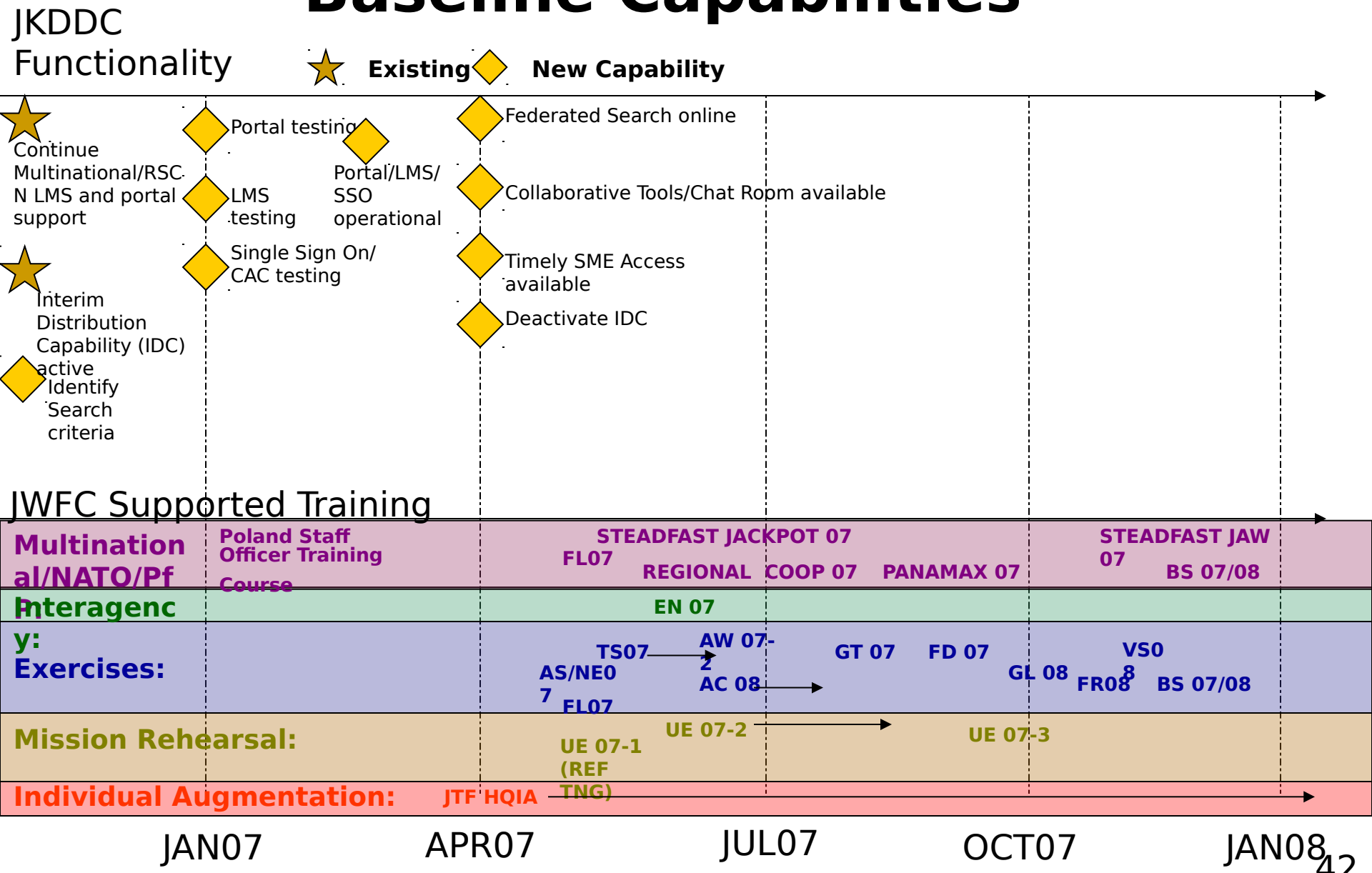
FY07 Knowledge Distribution Goals & Objectives – Access and Tracking

- Single Sign On
  - Implement CAC as the primary means for SSO within JKDDC.
  - Implement a secondary remote sign-on capability to address SSO for non-DoD audiences without CAC such as multinational military members and interagency supporters.
- Tracking Profiling
  - Establish conduits to Service personnel records to provide training credit. The Defense Integrated Military Human Resources System (DIMHRS) has indicated an interest and is a candidate for this initiative.
  - For the near-term, centralize management via the JKDDC LMS while conduits are developed.
  - Establish a learner tracking mechanism that will report student usage and performance statistics.

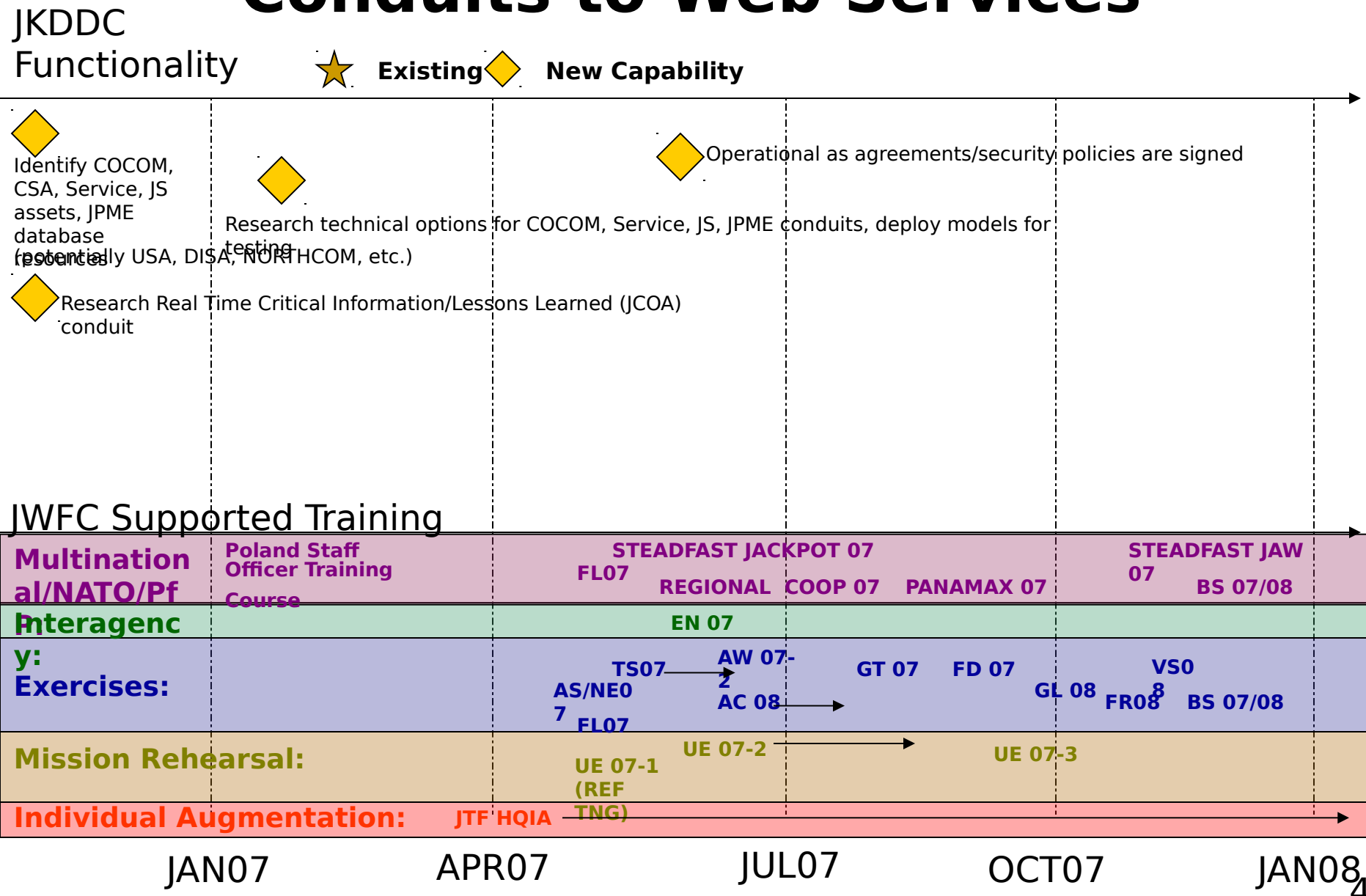
FY07 Knowledge Distribution Goals & Objectives – Technical Policies

- Develop policies for integrating distributed learning environments into joint architectures.
- Develop procedures for determining distributed learning content and product conformance to the current Sharable Content Object Reference Model (SCORM).
- Develop and implement regulations and procedures for JKDDC data standardization, protocols and specifications.

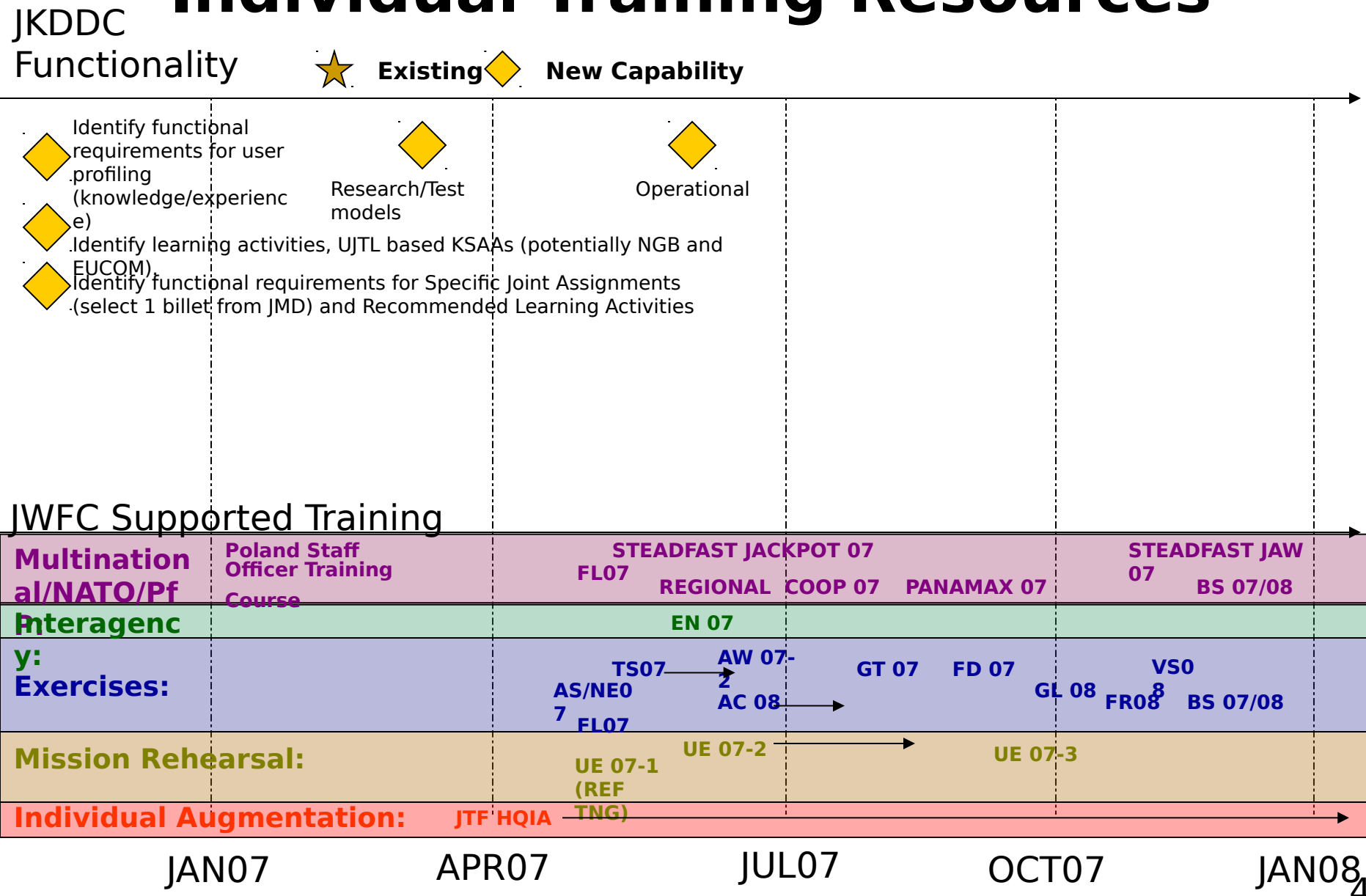
JKDDC FY07 KD Production
Baseline Capabilities



JKDDC FY07 KD Production
Conduits to Web Services

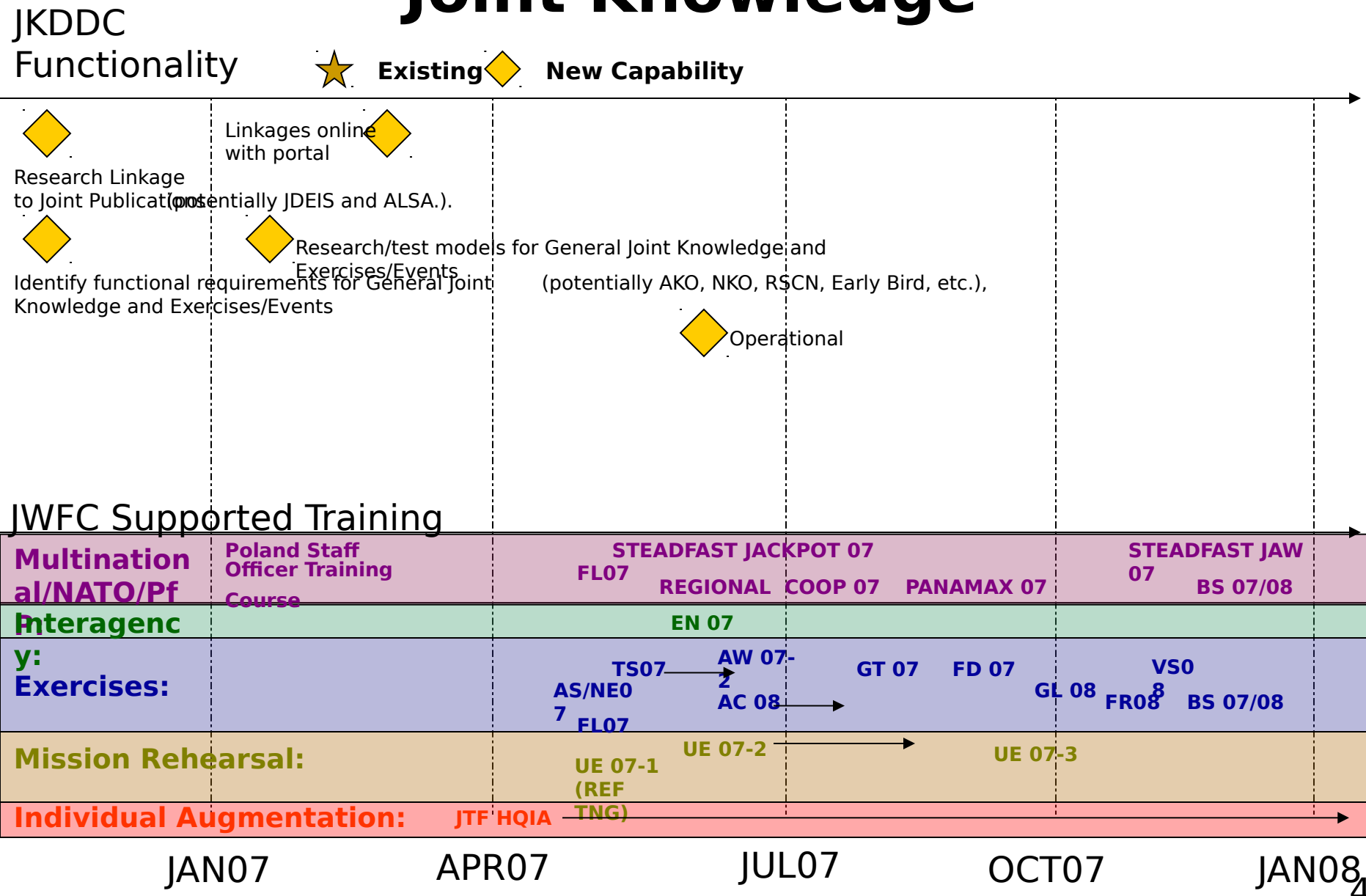


JKDDC FY07 KD Production
Individual Training Resources



JKDDC FY07 KD Production

Joint Knowledge

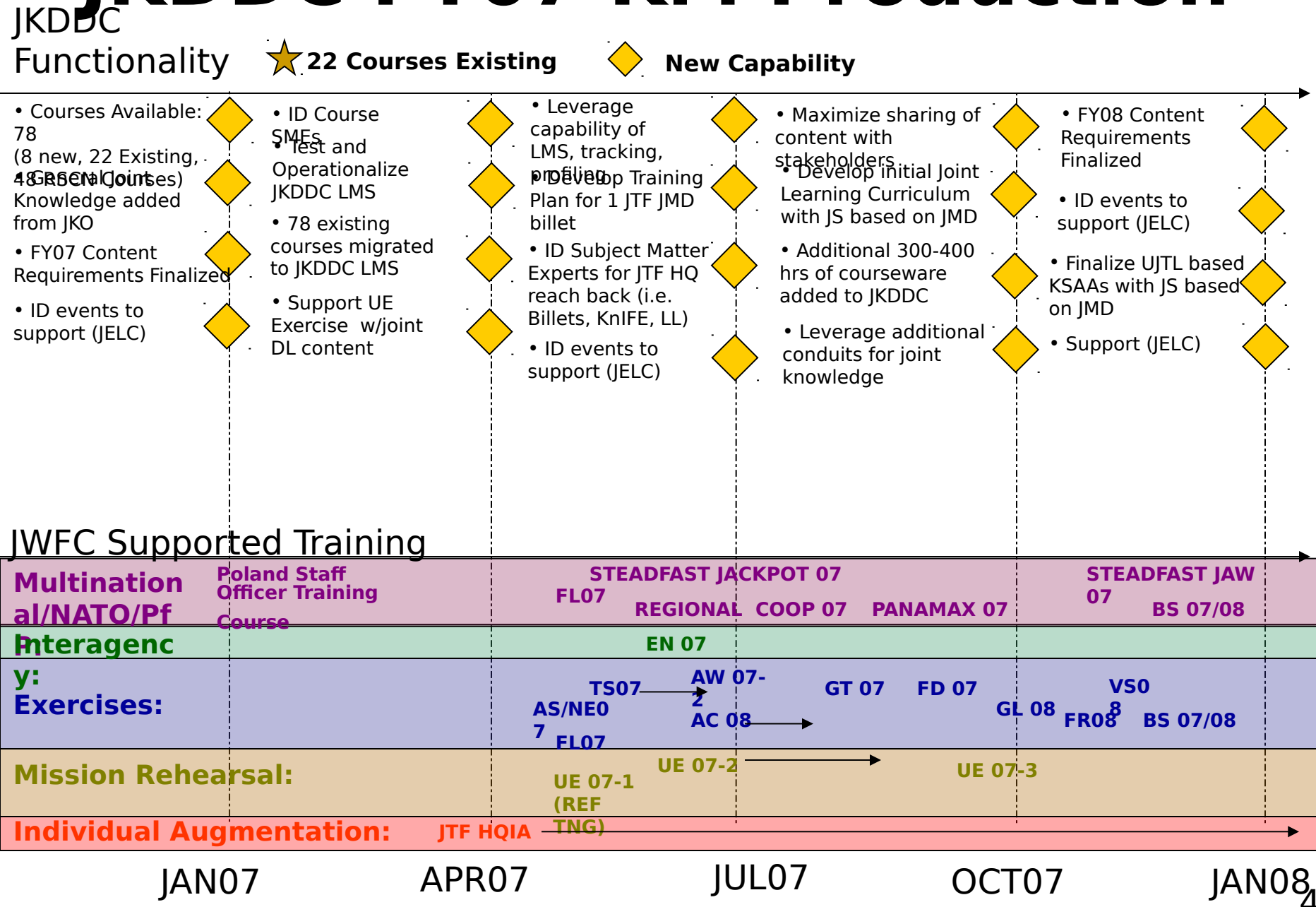


FY07 Knowledge Management Goals & Objectives

- **Courseware Development Initiative**
- **Goal:** Institutionalize a JKDDC KM content requirements process amongst the stakeholders that provides doctrinally correct joint knowledge content in a timely manner and maintains the content for accuracy and relevancy.
- **Objectives:**
- Validate and prioritize the current backlog of requirements.
- Develop approximately 300 – 400 hours of courseware from the backlog of requirements in FY07.
- Develop and implement an updated requirements submission process.
- Develop and implement a refined content development process.
- Develop and implement a content lifecycle maintenance process.
- Develop content to support customers' FY07 individual training requirements.

- **Portal Initiative**
- **Goal:** Identify content that will be managed through the JKDDC portal and collaborate with the KD PAT to determine the functional requirements to support it.
- **Objectives:**
- Identify recognized subject matter experts (SMEs) in various fields to support timely SME access.
- Research sources of general joint knowledge and implement a logical categorization for easy filing and searching.
- Establish partnerships to support conduits to intergovernmental, interagency multinational, Joint Staff, COCOMs, Services, CSAs, and JPME assets.
- Collaborate with the Joint Staff to define UJTL-based Knowledge, Skills, Abilities and Attributes (KSAAs).
- Determine which content is best delivered through the gaming initiative.
- Define content that supports specific joint assignments based on the Joint Manning Document (JMD).
- Interface with JNTC to determine which exercises would benefit from advance individual knowledge.
- Establish link with JCOA to support real time critical information/lessons learned.
- Create a method to generate recommended learning activities based on a user's profile.

JKDDC FY07 KM Production



FY07 Assessment Goals & Objectives

4.5.1 Capability Assessment Initiative

Goal: Design and develop a steady-state process for tracking and assessing program metrics assuring the program achieves the desired outcomes and establish the framework for the collection and analysis of JKDDC performance data.

Objectives:

- Develop a JKDDC Content Assessment framework.
- Initiate a quality research and development (R&D) program to maintain an effective way ahead.
- Conduct Training Quality Assessment Spiral 1: Renovate Joint Course Database.
- Conduct Training Quality Assessment Spiral 2: Implement condition based assessment of training quality in Joint Course Database.

4.5.2 Competency Assessment Initiative

Goal: Design and develop a steady-state process for tracking and assessing JKDDC mission performance metrics to support the integration of joint individual training into the integrated operators' professional development and establish the framework for the collection and analysis of JKDDC performance data.

Objectives:

- Develop a JKDDC Audience Assessment framework.
- Initiate a performance R&D program to maintain an effective way ahead.
- Conduct Performance Assessment Spiral 1: Develop, field, test, and revise tests and surveys for selected, high priority courses.
- Conduct Performance Assessment Spiral 2: Institutionalize "best practices" from tests and surveys as part of course development process.

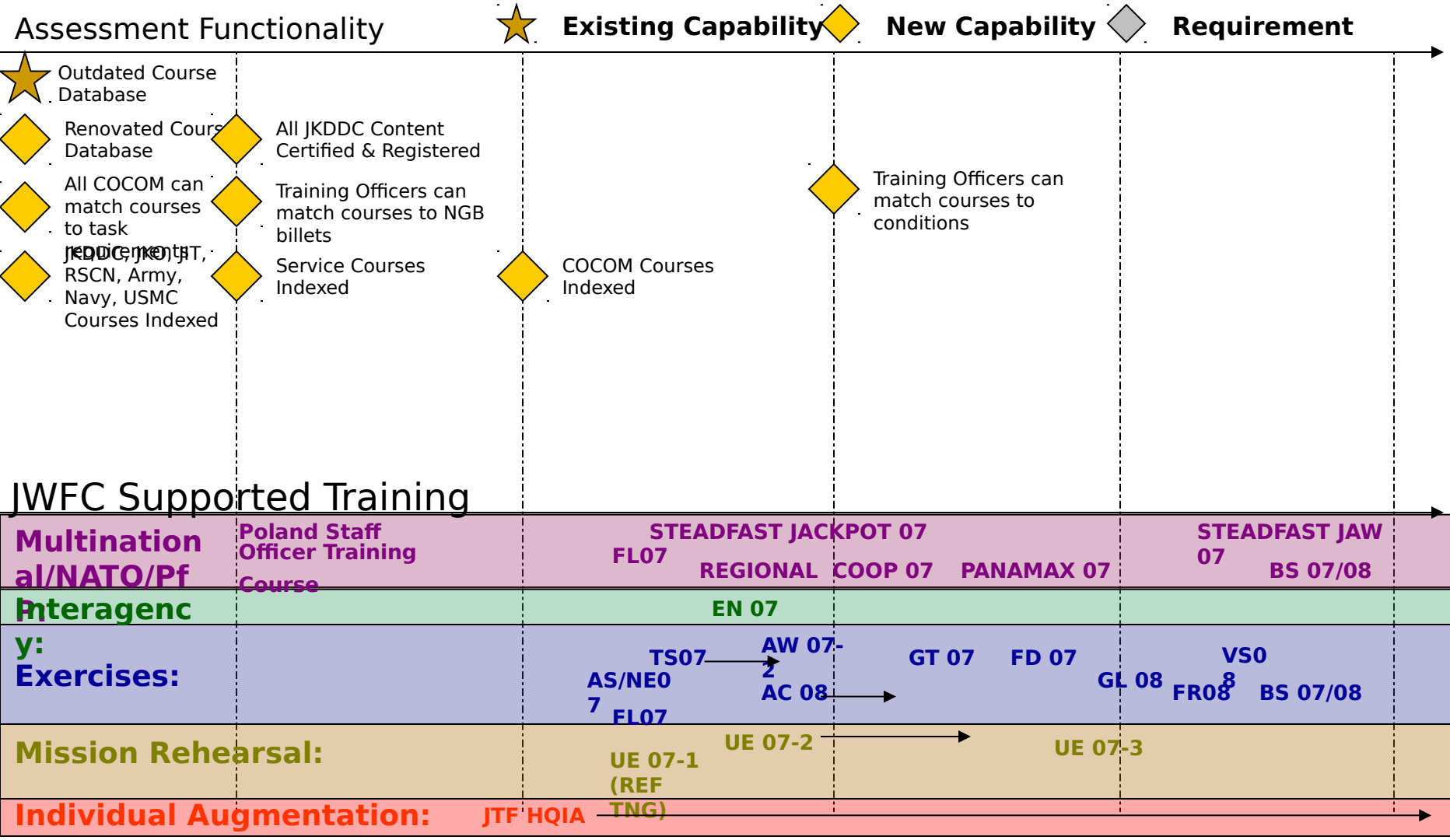
4.5.3 Certification & Standardization Initiative

Goal: Establish a standing capability to validate joint knowledge services against prescribed technical and content standards so that content can be efficiently shared.

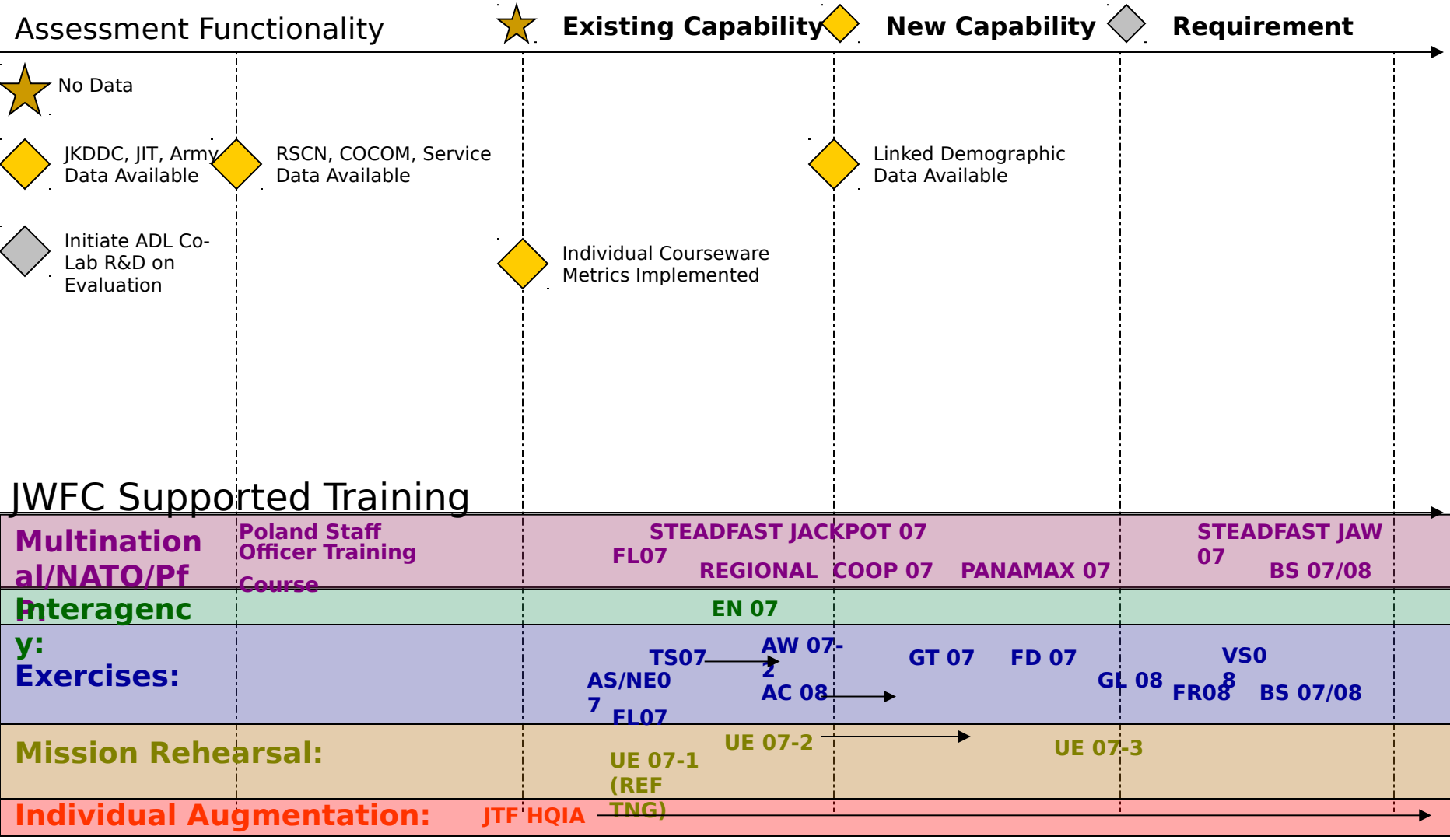
Objectives:

- Develop the required support Personnel Descriptions/Statements of Work (PD/SOW).
- Acquire the required support personnel.
- Conduct the training required for support personnel and deploy these personnel.
- Revise the Joint Training Manual to reflect a wider aperture beyond traditional (residence and distance) courseware to include new knowledge services such as games and job performance aids.
- Provide manpower support and expertise in support of the certification of joint individual training knowledge services.11

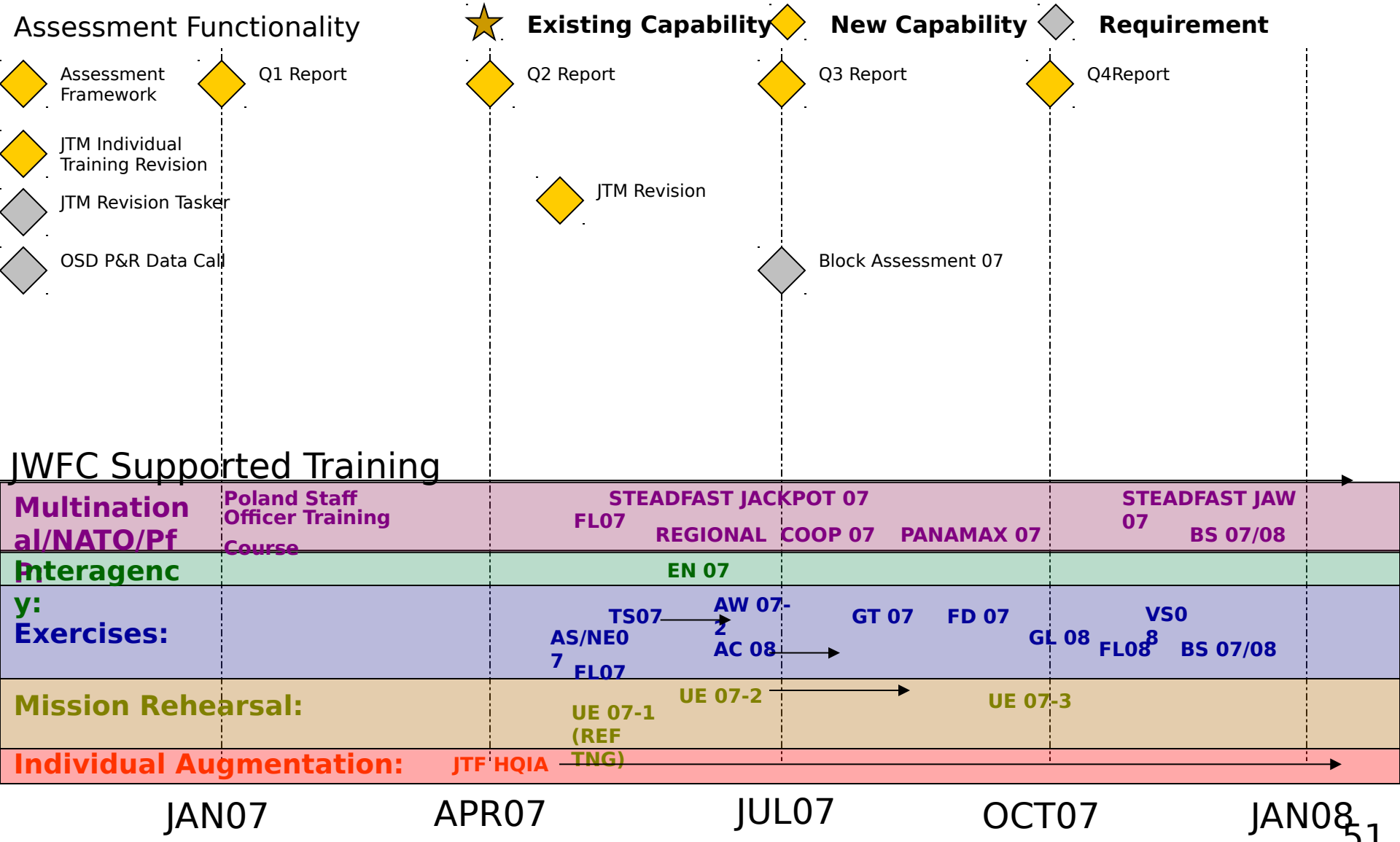
JKDDC FY07 AS Production
Capability Assessment



JKDDC FY07 AS Production
Competency Assessment



JKDDC FY07 AS Production
External Assessment



FY07 Advanced Concepts Goals & Objectives

Tracking and Profiling

Goal:

- Define, research and recommend the “best practices”, methodologies and technologies available to enable the JKDDC Portal to interface with any outside system required for the proper profiling and tracking of joint education and training.

Objectives:

- Research how to implement advanced content management technologies including: sequencing, learner profiles, learning styles, and intelligent tutoring.
- Research and/or develop standards which will enable a selected LMS the ability to report all relevant student usage and performance statistics, and that will enable tie-ins to existing personnel and records systems.
- Research training integration issues and standards.
- Research, test and recommend solutions to specific repository related standards and integration issues.
- Research possible tools which allow sharing of information between various sections of the JKDDC profile tool.
- Research future small group training products and solutions.

FY07 Advanced Concepts Goals & Objectives

Gaming

Goal:

- Define, research and recommend the “best practices”, methodologies and technologies for incorporating game-based learning and technologies in support of JKDDC’s goals and vision.

Objectives:

- Discover, catalog and leverage existing work in the gaming and simulation area as potential capabilities to include in the JKDDC portal.
- Determine a small number of instructional gaps which may be filled with short, interactive game or game-like experiences (lightweight simulations).
- Determine solutions of the technical requirements necessary for those existing gaming resources to be both SSO capable and delivered via the JKDDC portal.
- Determine solutions for the ability to embed or attach learning objectives to the game, and for the game to report a definable metric related to the accomplishment by individual players of specific learning objectives.
- Research and begin to establish an advanced gaming design that supports interoperability and reusability.
- Research the standards which can promulgate the required reuse of gaming objects.
- Research the standards for packaging of these gaming objects.
- Research a cross-platform Designer Graphical User Interface (GUI) to make lightweight simulations creation possible for the range of beginners, intermediate and expert users.
- Research the capability for non-programmers to build their own flexible assessment templates (metrics, pass/fail criteria, etc) using standards based XML as the common link to the JKDDC profile environment. These need to be easily applied to various lightweight simulations contained in the JKDDC Repository.

FY07 Advanced Concepts Goals & Objectives

Tools

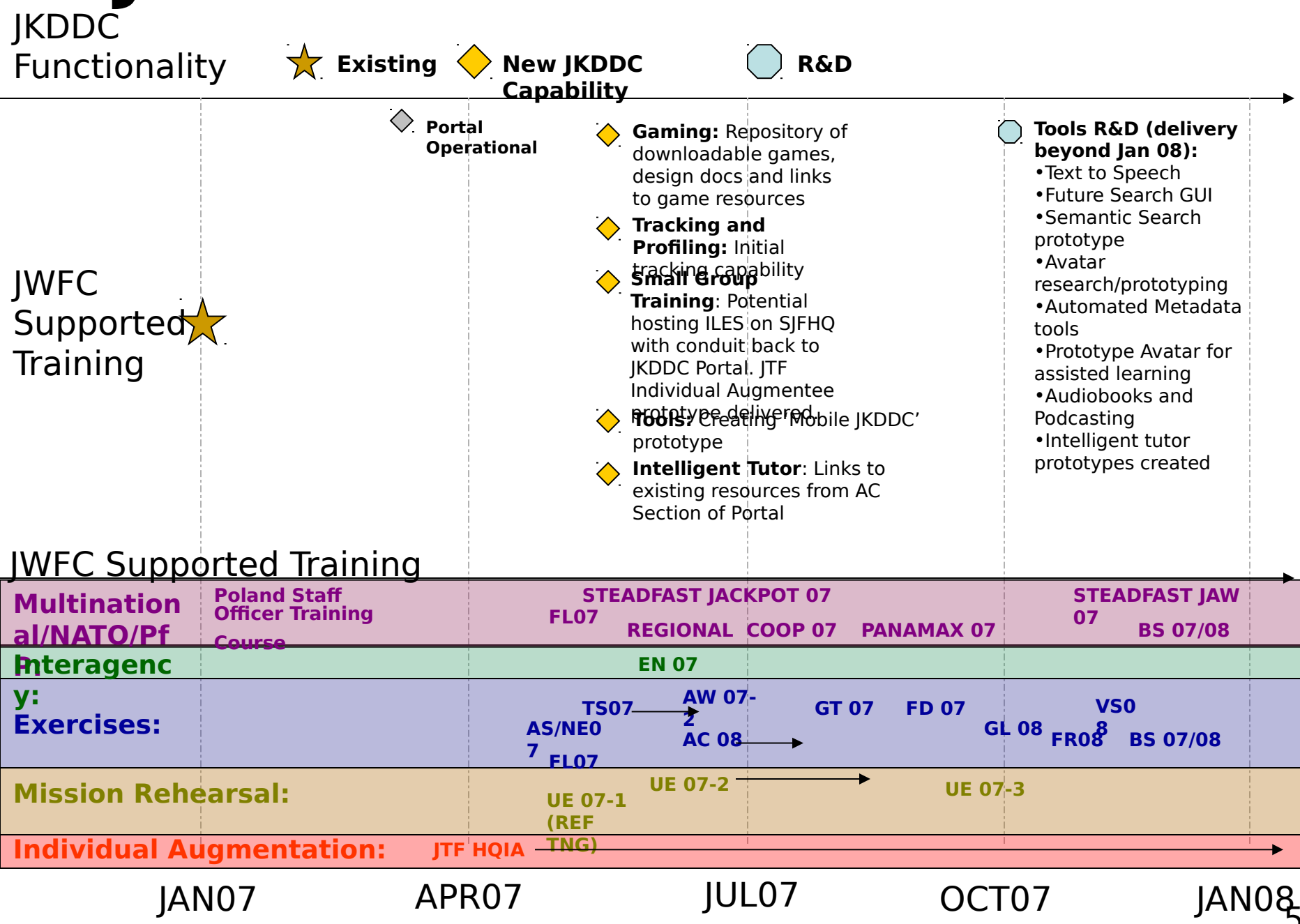
Goal:

- Define, research and recommend capabilities which will enable improved individual warfighter training and education.

Objectives:

- Establish a process to identify standards and technical progress being made in the area of intelligent tutors and Electronic Performance Support Systems (EPSS).
- Establish a process to identify other 'just in time' learning tools which enable efficient training, such as the MOBILE JKDDC idea.
- Coordinate short, mid and long-range research timelines on new technologies with other JKDDC Divisions to ensure that their known and anticipated requirements serve as the primary targets for the research.
- Coordinate efforts on the research of extensions to the metadata tagging standards.

JKDDC FY07 AC Production



JKDDC FY07 LNO Goals and Objectives

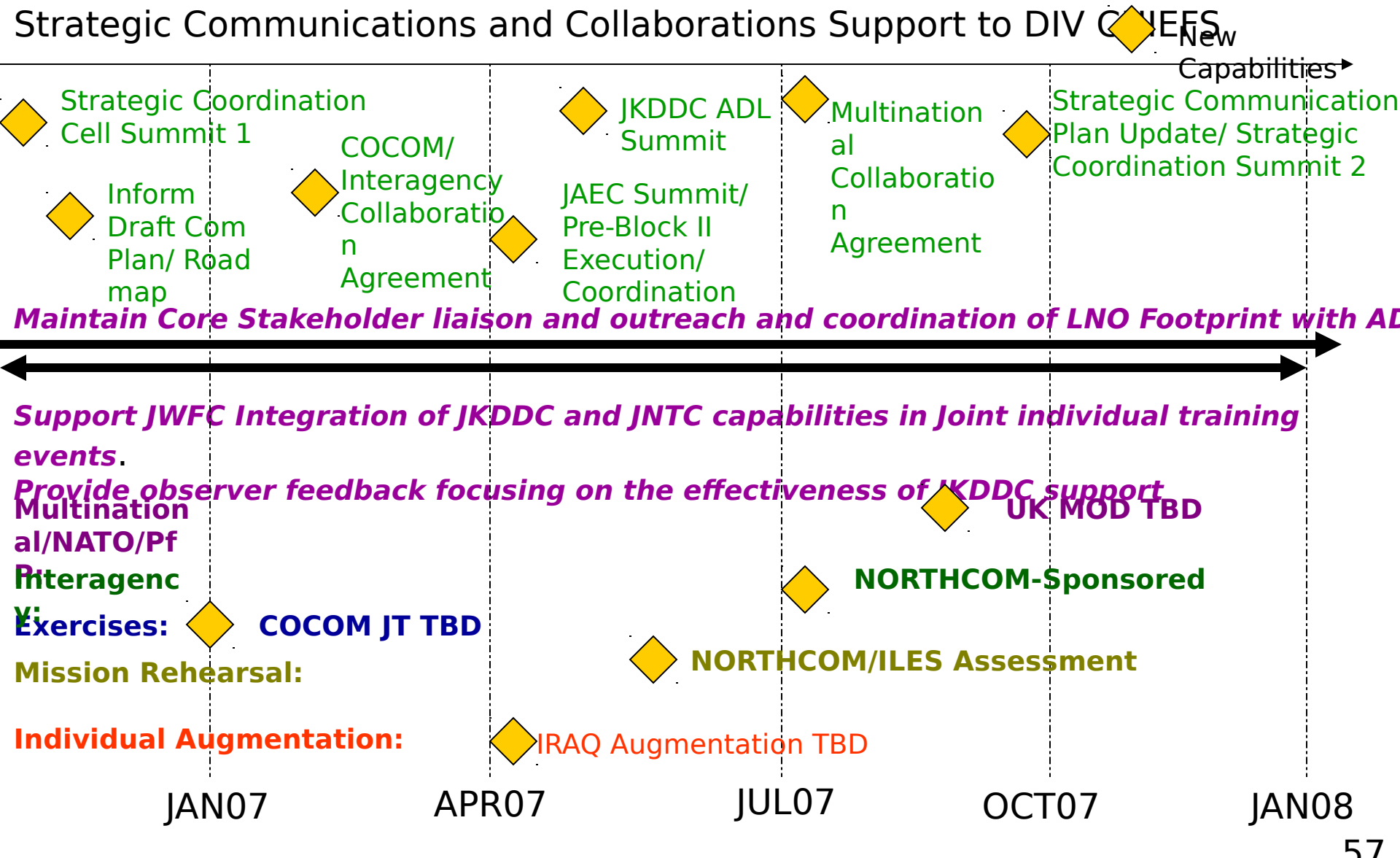
Goals:

1) **Support PM effort to effect interagency, multinational & intergovernmental capability development**
2) **Support JKDDC JMO Liaison and Outreach Initiative** (Refer to Section 4.1.1 of PG&O)

Objectives:

- Plan annual Strategic Communications Cell summit comprising core JKDDC Stakeholders during 1st Quarter FY 07 to align JKDDC strategic goals for interagency capability development as part of the Strategic Communications Plan development.
- Participate as an active member of the T2 Block II Assessment Team responsible for assessment of JKDDC initiatives across joint individual training.
- Interact and integrate with multinational, interagency, intergovernmental training stakeholders ensuring training resources are efficiently and effectively used on behalf of all JKDDC stakeholders.
- Represent JWFC T2 capabilities as an observer in Joint exercises and training events planned for FY 07 spanning COCOM JT, MRXs, Individual Augmentees, interagency, multinational operations.
- Coordinate JKDDC outreach efforts within the LNO Footprint established at the ADL CO-Lab to fully leverage ADL technologies.

JKDDC FY07 LNO Synchronized Production



Assessment Backups

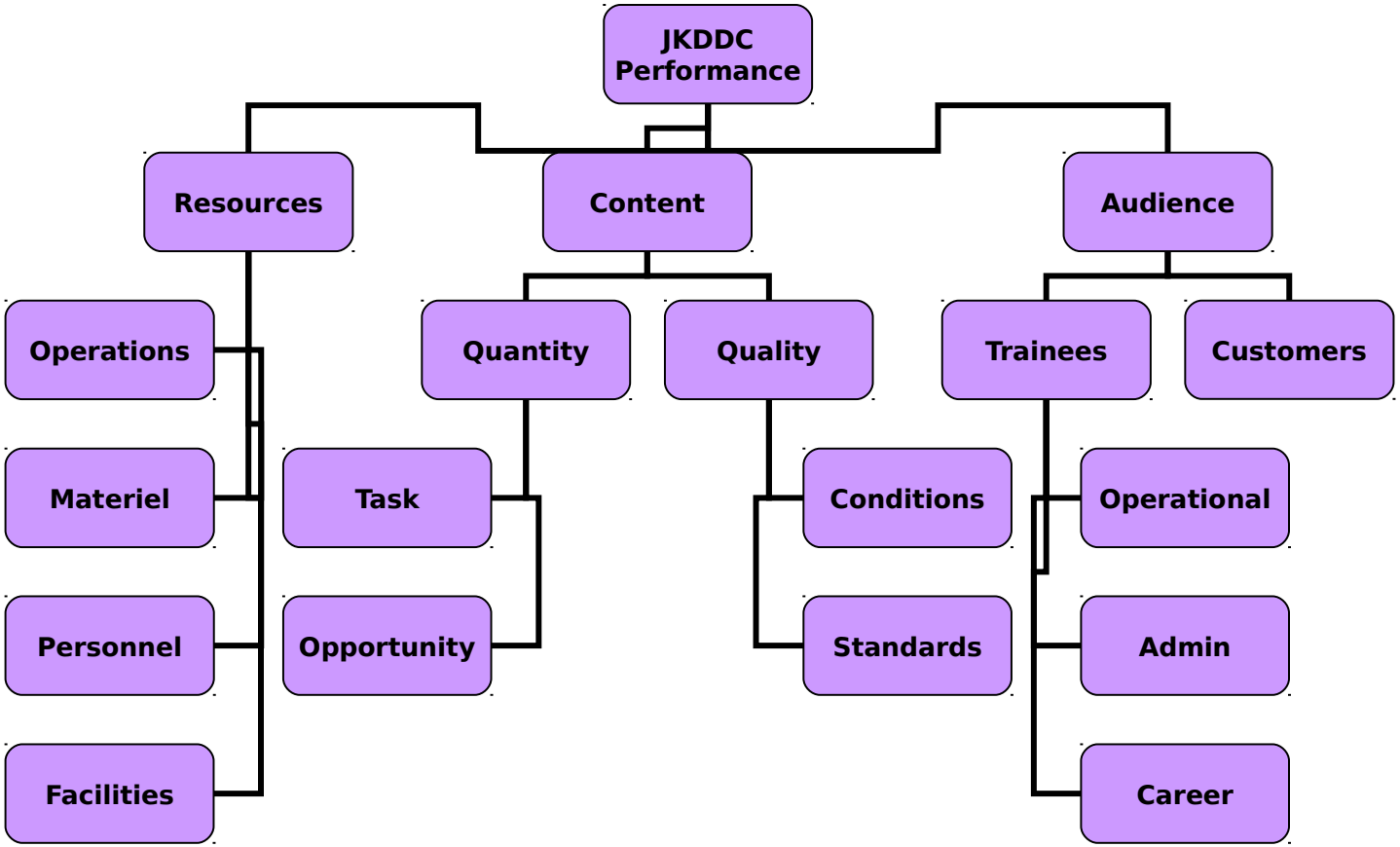
Assessment Framework

- Acquisition uses Cost, Performance, Schedule
- Training has a parallel view:
  - Resources –Includes organic and leveraged, DOTMLFP for the conduct of training
  - Content – Our performance is to deliver content to the integrated operator
  - Audience – We need to support the JLC in terms of organization, billet, and career

DAU Award List

- ***2005 Ranked #1 in Leadership Development by Executive Excellence Publishing***
- ***2005 USDLA 21st Century Best Practices Award (for the Performance Learning Model)***
- ***2005 USDLA Distance learning Program Gold Award (Continuous Learning Team)***
- ***2005 USDLA Individual Achievement of Excellence – Silver Award (David Bachman)***
- ***2005 E-Gov Institute (Federal Computer Week) Knowledge Management Award***
- ***2004 Chief Learning Officer of the Year (Frank Anderson Jr. – DAU President)***
- ***2004 American Society for Training & Development (ASTD) BEST Award***
- ***2004 Chief Learning Officer Magazine - GOLD Learning in Practice Award (Innovation)***
- ***2004 Chief Learning Officer Magazine - BRONZE Learning in Practice Award (Strategic Alignment)***
- ***2004 Corporate University Xchange Excellence Award***
- ***2004 Training Magazine Number #50 in the "Top 100" Learning Organizations***
- *and 19 other significant awards since 2001*

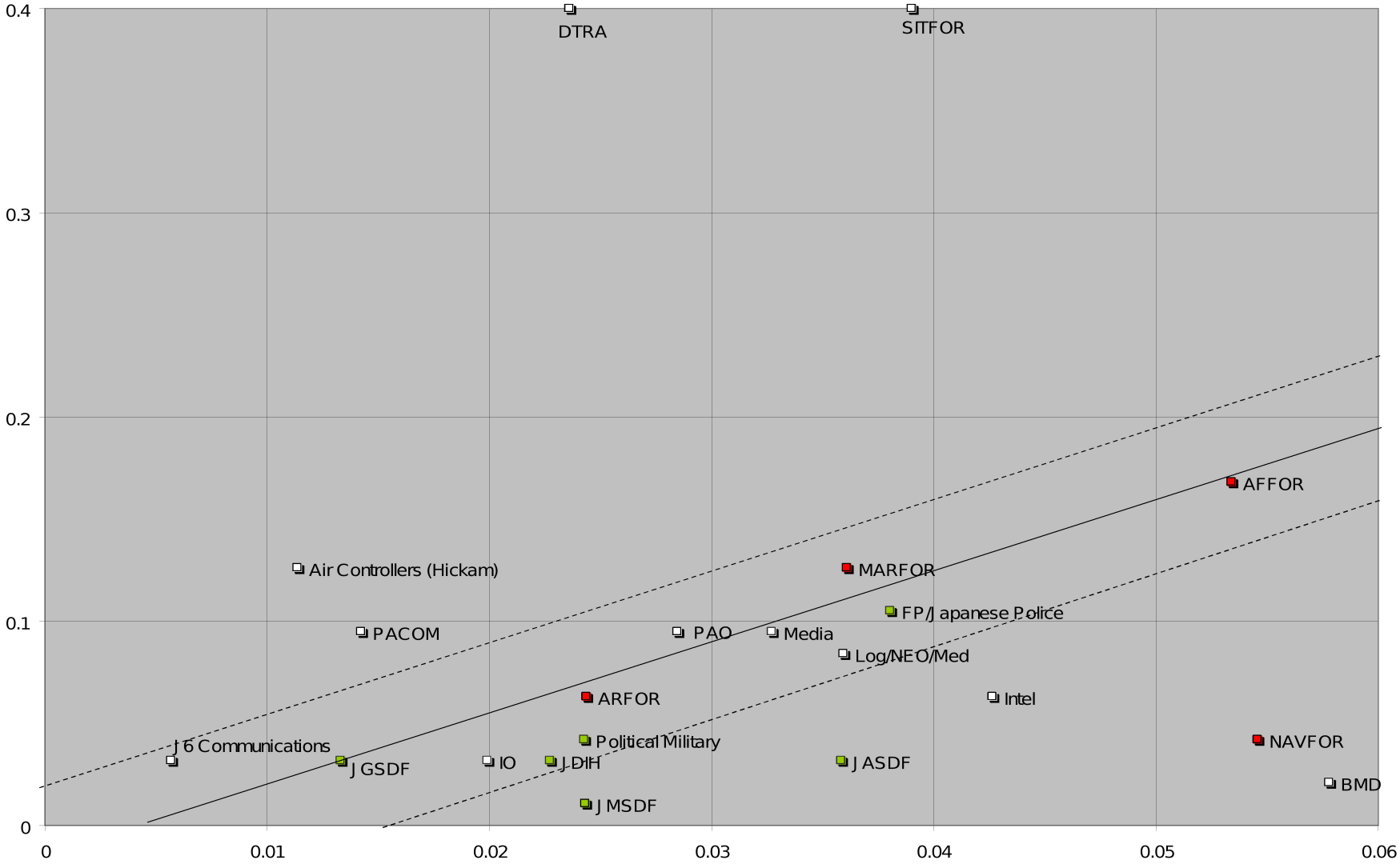
JKDDC Assessment Structure



Crosswalk

	Amalgam Phantom (Warrior)		Ardent Sentry 06		Northern Edge		Unified Endeavor 06-2 OIF 5 MRX		Valiant Shield 06	
JTF-101		10		0		5		10		6
	21	0	21	0	20	1	17	4	17	4
Joint Planning Orientation Course (JPOC)		10		0		6		10		10
	8	0	8	0	8	0	4	4	8	0
Fundamentals of Personnel Recovery (FPR)		10		0		6		13		9
	10	0	10	0	10	0	9	1	9	1
Joint Targeting Prerequisite (JTP)		10		0		6		13		9
	15	0	15	0	15	0	14	1	14	1
Joint Close Air Support (JCAS)		9		0		6		14		10
	2	1	3	0	3	0	3	0	3	0
Joint Force Air Component Operations (JFACO)		9		0		6		14		9
	4	1	5	0	5	0	5	0	4	1
Adaptive Course Of Action (ACOA)		10		0		6		14		9
	5	0	5	0	5	0	5	0	4	1
Advanced Geographic		10		0		6		14		10

KE-06 Example



Trend Analysis